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ABSTRACT

Based on the need for indexing documents and interest profiles within a selective dissemination of information (SDI) system, the Bureau of Reclamation, Department of the Interior, has compiled this thesaurus of terms related to water resources. Development terms describing design and construction activities, as well as biological and physical science terms related to water resources, are emphasized. The 6,585 terms are arranged according to lead terms, together with both broader and narrower hierarchical relationship terms and related terms. USE references are noted to satisfy desirable standardization requirements. Additional sections in the thesaurus include: (1) an explanation of and examples for using the terms, (2) a subject category index of 22 major subject fields, each of which is subdivided into groups, and in some cases, subgroups, and (3) a hierarchical index displaying those descriptors having no broader terms and having one or more subordinate levels.

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ED 070644

thesaurus of **WATER RESOURCES TERMS**

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A Collection of Water Resources and Related Terms
for Use in Indexing Technical Information

UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Reclamation



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thesaurus of
**WATER RESOURCES
TERMS**

**A Collection of Water Resources and Related Terms
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U.S. DEPARTMENT OF THE INTERIOR
Rogers C. B. Morton, Secretary

BUREAU OF RECLAMATION
Ellis L. Armstrong, Commissioner

FIRST EDITION 1971

As the Nation's principal conservation agency, the Department of the Interior has basic responsibilities for water, fish, wildlife, mineral, land, park and recreational resources. Indian and Territorial affairs are other major concerns of America's "Department of Natural Resources."

The Department works to assure the wisest choice in managing all our resources so each will make its full contribution to a better United States—now and in the future.

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FOREWORD

Identifying the contents of scientific and technical works by the use of keywords has become a standard practice. Whereas formerly only the title was available to suggest the subject matter, over a period of recent years—really within the time span of one generation—authors have come to realize that index terms can play an important part as subject indicators. Coupled with the equally accepted abstract, they frequently can be relied upon to save researchers and others valuable time in searching for specific references pertinent to their questions of the moment.

The first thesaurus of the Bureau of Reclamation was compiled in 1963, and a Tentative Edition called *Thesaurus of Descriptors* published in that year. To a degree it represented a crash product developed to satisfy an urgent need for indexing documents and interest profiles within a selective dissemination of information (SDI) system. In subject coverage it dealt primarily with water resources development terms such as would be needed to describe activities in a design and construction agency. The inevitable peripheral terms having to do with administration, management, costs, planning, etc., were also included.

In 1966, the Office of Water Resources Research, Department of the Interior, published a *Water Resources Thesaurus*, an important step forward which recognized the values of other biological and physical sciences terms related to water resources, as well as many from the *Thesaurus of Descriptors*. As with any vocabulary, evolution in science and engineering as well as shifting emphasis toward solution of new problems combined to require a new thesaurus reflecting the influence of those factors. The product contained in this publication is the result of a 2-year concentrated effort by the Technical Evaluation Section, Engineering Reference Branch, Engineering and Research Center, Denver, Colorado.

This 1971 thesaurus contains 6,585 terms arranged according to lead terms and providing broader and narrower hierarchical relationships, as well as related terms. In addition, 1,721 USE references are included to satisfy desirable standardization requirements. The thesaurus is based on a merging of the 1963 and 1966 works mentioned above, but revised extensively to account for cumulative usage records from the Reclamation SDI system and data base. In the interest of multidisciplinary uniformity, changes in terminology have necessarily been made to provide maximum compatibility with the *Thesaurus of Engineering and Scientific Terms* of the Engineers Joint Council, 1967.

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Words are what hold
society together.

—*Stuart Chase*

Words are the only things
that last forever.

—*William Hazlitt*

The word is half his that speaks
and half his that hears it.

—*Montaigne*

Using the Thesaurus

Its Functions

Numerous tools have been developed in recent years to assist researchers and others in coping with an ever-growing scientific and engineering literature output. While the numbers of documents have been increasing on some scale other than a linear one, the unfortunate fact is that the potential readership must program study time on the basis of an unchanging 24-hour day. When considering that the number of authors continues to grow, that discoveries being reported vary from the unimportant or repetitious to the truly significant, and that the quality of some writings ranges from poor to exceptional, then pressing reasons are apparent for helping prospective readers to decide what to read and what to pass by. While a good case can be made for better voluntary policing by individual authors and reviewers, and professional societies engaged in publishing, to screen out all but the better materials, the total information base may be expected to build at a rate beyond the capacity of either the specialist or generalist to cope with.

Mainly within the last 20 years two devices have surfaced and developed to provide practitioners a means of rapidly evaluating the worth on a subject basis of new written materials: the abstract of document content and the index of keywords representing content. This publication is concerned with the latter.

The use of keywords (descriptors) adds much to the title alone in defining technical content. When such terms are accompanied by a well-composed abstract, a prospective reader should be able to evaluate content and interest quite effectively and rapidly. The use of keywords goes much beyond servicing the needs of readers, however, in that retrieval of references in the future can be clued to search questions defined by keywords, as in numerous manual and computerized techniques.

The greatest specificity is attained, of course, through the efforts of specialists in each field of endeavor in selecting terms and compiling thesauri to cover the vocabularies in those fields. Even the compilers of unabridged dictionaries do not attempt to include all specialty words, and there are numerous reasons why thesaurus builders should restrict themselves to fields in which they have the requisite competence.

The *Thesaurus of Water Resources Terms* is thus a compilation limited to words serving the water resources field. The user will notice the addition of obvious exceptions—management, administration,

costs, etc.—but a minimum number of such terms common to most fields has been included. As with all thesauri, there will be terms inadvertently left out, and the very process of scientific evolution will render it less useful as discovery adds to knowledge.

This thesaurus may serve another function by virtue of the hierarchical relationships shown for main, or lead terms; it may become vocabulary-building in the sense that shadings of meanings are implied, thereby suggesting greater specificity on the part of an author, abstractor, or indexer.

Selection of Terms

Considerable controversy accompanies opinions on how to index documents, whether in regard to articles that appear in periodicals, reports and monographs having lasting value, for interest profiles in selective dissemination of information systems, or for retrieving references by manual or computer means from an information base. More than the immediate use of an index should be considered because of the several applications it may eventually be called upon to serve. For example, some indexing finds visibility primarily in abstract bulletins or with citations, and has reached its only utility in facilitating a manual review of current references. Other indexing, as in a selective dissemination of information (SDI) system, is the device used to link users' interest profiles with documents in a computerized screening process limiting announcement to pertinent documents only. And beyond that are systems which use the data base accumulated in SDI for computerized retrieval by way of search questions defined by index terms from the same vocabulary.

In providing for retrieval of an indexed reference, redundancy is not only acceptable but is considered desirable. To provide otherwise would seem to erroneously validate an assumption that only one term correctly represents a detail, facet, concept, feature, etc., in water resources, and that users should have only that term in their vocabularies when indexing a document. Obviously, many near-synonymous relationships exist, and since few of us are language purists or professional semanticists, allowance should be made for describing document content with more than one set of terms. Indexers in the Bureau of Reclamation, in fact, are required to include synonymous terms so that retrieval of references in the future may be better assured, regardless what term keys the search.

The user will notice that terms range from the very general—fish—to the more specific—minnows, fish barriers, or yellow perch. The intent is to encourage the indexer to use the very broad term only when document content deals with "fish" in the broadest context, and to be as specific as possible when it focuses on a narrower facet of some problem on fish. Similarly, "civil engineering" should not be used when the subject is limited to "spillway crests."

No hard and fast guidelines are appropriate to decide what number of terms should be used to index a document. The length of the publication is

not necessarily indicative, nor is the subject matter alone. Professionals in the Bureau of Reclamation frequently use 15 to 25 keywords. Perhaps a satisfactory guideline an author could use in indexing his own report would be to consider whether he could retrieve that report, if in the shoes of another researcher, through examination of the selected keywords. Or, for another guideline, whether other scientists could use the indexing to retrieve references for a state-of-the-art review of value in preventing duplication of effort. Indexing is a judgmental matter, and the task should not be treated casually.

Thesaurus of Terms

Explanation

(Refer to similar letters on opposite page)

A. This is the main entry of the descriptor. When in this position it appears in bold-faced type.

B. UF = Used For. The descriptor at the main entry is to be used for any term listed under this notation. See D. where reciprocal entries are shown.

C. The dash (—) symbol in front of a descriptor indicates that the descriptor has narrower terms (not shown) and that the main entry should be consulted for these.

D. USE = USE reference. This refers the user to the preferred descriptor. USE and UF reciprocate throughout.

E. The four or five digit numbers following each descriptor at its main entry indicate the Subject Category Fields (first two digits), Groups (last two digits), and Sub Groups (decimal digit). Consult the Subject Category Index.

F. Scope Note. Used only when some clarification as to the descriptor's meaning may be needed or when more specific terms are recommended.

G. These terms are USE references, not descriptors. They will appear as main entries in italics (see D.).

H. BT = Broader Term. Descriptors under this notation represent a generic/ly broader class which includes the main entry descriptor as a narrower term.

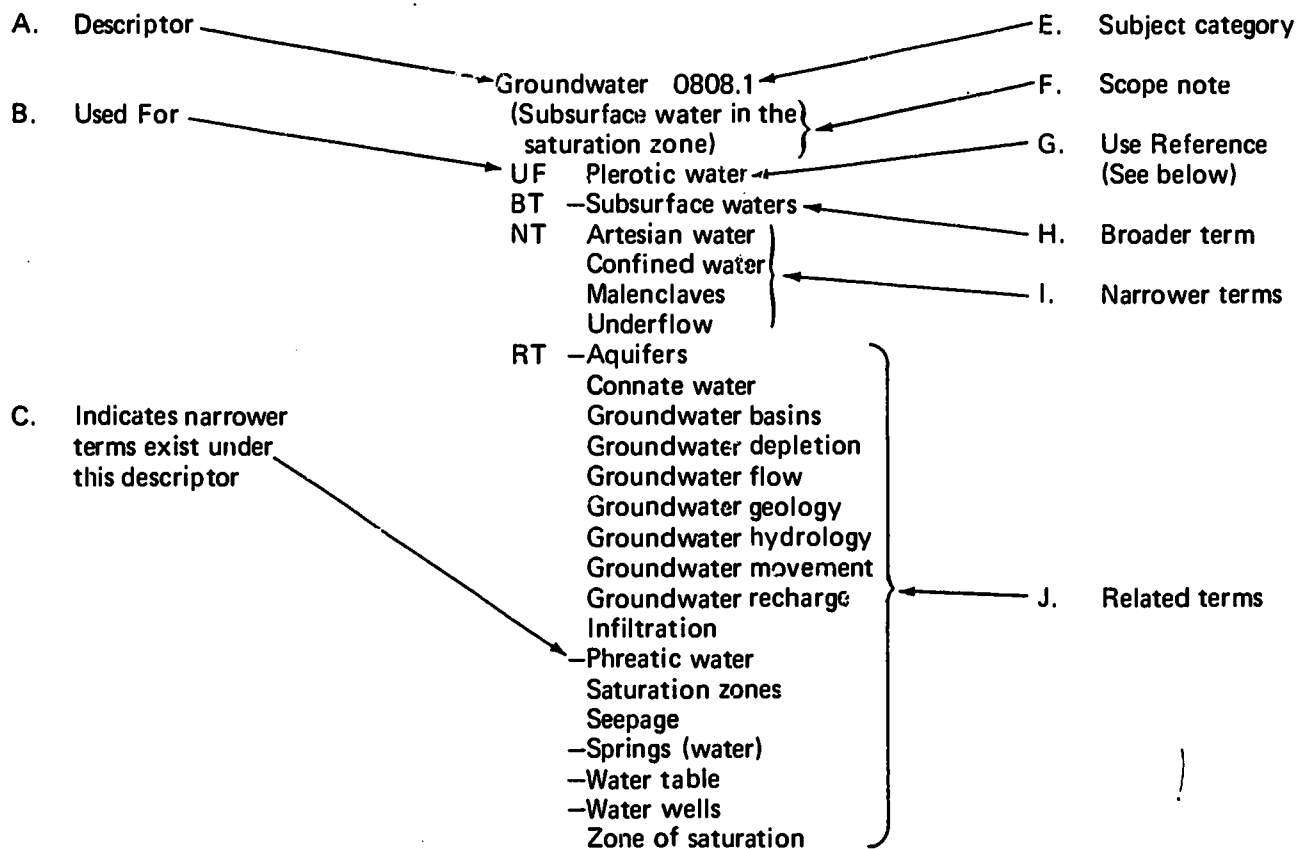
I. NT = Narrower Terms. The reciprocal of H. above.

J. Related terms are not considered as belonging in the same generic class as the main entry descriptor; but as having close association or relationship to it.

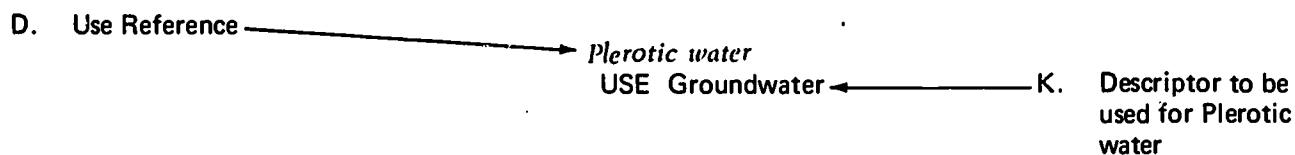
K. The descriptor to be used for this USE Reference term.

Examples of Entries and Notations in THESAURUS of TERMS

Descriptor Entry*



Use Reference Entry



*This example has been slightly modified in order to display all situations.

A

Abatement 1407

- NT Pollution abatement
- RT Attenuation
 - Control
 - Damping
 - Design flow
 - Flood control
 - Purification
 - Reduction
 - Regulation
 - Water pollution control
 - Water pollution treatment
 - Water purification
 - Water quality control

Abies (species unspecified)

USE Fir trees

Abies amabilis

USE Pacific silver fir trees

Abies balsamea

USE Balsam fir trees

Abies concolor

USE White fir trees

Abies grandis

USE Grand fir trees

Abies magnifica

USE Red fir trees

Abies procera

USE Noble fir trees

Abilities 0509

- RT Careers
- Crafts
- Creativity
- Human engineering
- Human resources
- Leadership
- Learning
- Occupations
- Performance
- Personnel management
- Professional advancement
- Professional development
- Psychology
- Training

Abiotic environment 1407

BT -Environments

Ablation 1407

- RT -Cooling
- Erosion
- Evaporation
- Glaciers
- Heating
- Ice
- Icebergs
- Melting
- Precooling
- Regimen
- Snow
- Snowmelt
- Thermal properties
- Vaporization
- Water supply

Abrasion 1113

- RT Abrasion resistance
- Abrasive blasting
- Abrasives
- Carborundum
- Cutting
- Deterioration
- Erosion
- External friction
- Friction
- Friction coefficient (mechanical)
- Friction tests
- Grinding
- Lubricants
- Roughness (hydraulic)
- Roughness coefficient
- Scour

- Wear resistance
- Weathering

Abrasion resistance 1113

- BT -Durability
- Mechanical properties
- Wear resistance
- RT Abrasion
- Abrasive blasting
- Abrasives
- Degradation
- Erosion
- External friction
- Hardness
- Hardness tests
- Toughness

Abrasive blasting 1308

- UF Blasting (sand)
- Sand blasting
- RT Abrasion
- Abrasion resistance
- Blasting
- Cleaning
- Descaling
- Surface preparation

Abrasives 1111

- RT Abrasion
- Abrasion resistance
- Carborundum
- Ceramic materials
- Diamonds
- Grinders
- Grinding
- Grit
- Materials
- Pumice
- Sands
- Silica

A.B.S.

USE Alkylbenzene sulfonates

Absorbers 1107

- RT -Absorption
- Acoustics
- Attenuators
- Cooling systems
- Cushioning
- Damping
- Dehydrators
- Desiccants
- Driers
- Drying
- Extraction
- Insulation
- Isolating
- Neutron absorption
- Radiation shielding
- Shielding
- Surge tanks

Absorption 1407

- UF Biological uptake
- Ion uptake
- NT Energy absorption
- RT Absorbers
- Adsorption
- Aeration
- Attenuation
- Biological membranes
- Capillarity
- Capillary action
- Circulation (plants)
- Desiccants
- Desorption
- Expansive clays
- Insulation
- Membranes
- Moisture uptake
- Neutron absorption
- Osmosis
- Oxygenation
- Penetration
- Pesticide kinetics
- Pipe tests
- Porosity
- Root systems
- Separation techniques
- Sorption
- Transpiration

Abstracting

USE Abstracts

Abstracts 0502

- UF Abstracting
- BT -Documentation
- RT Annotations
- Bibliographies
- Current awareness
- Descriptors
- Editing
- Keywords
- Libraries
- Publications
- Technical papers
- Technical writing
- Translations

Abutments 1313.1

- RT Bridge foundations
- Bridge piers
- Bridges (structures)
- Coastal structures
- Dam foundations
- Dams
- Damsites
- Highway bridges
- Hydraulic structures
- Joints (connections)
- Piers
- Retaining walls
- Revetments
- Sea walls
- Spillways
- Suspension bridges

Acaricides 0606

- BT -Chemicals
- Pesticides
- Poisons
- RT Entomology
- Insect control
- Insects
- Mites

Accelerated erosion 0807

BT -Erosion

Accelerated tests 1402

- BT -Materials tests
- Tests
- RT Concrete tests
- Corrosion tests
- Environmental tests
- Freeze-thaw tests
- Laboratory tests
- Test procedures
- Wetting and drying tests

Accelerating (chemistry) 0701

- RT -Acceleration (physics)
- Additives
- Catalysts
- Chemical reactions
- Curing
- Curing compounds
- Heating
- Inhibitors
- Mixing
- Retardants
- Retarding

Acceleration (physics) 2011

- NT Deceleration
- RT Accelerating (chemistry)
- Accelerometers
- Centrifugal force
- Centripetal force
- Earthquake loads
- Motion
- Retarding
- Velocity
- Vibration

Accelerometers 1402

- BT -Equipment
- Instrumentation
- Measuring instruments
- Test equipment
- RT -Acceleration (physics)
- Amplitude
- Dynamometers
- Geophones
- Gravimeters
- Seismographs
- Transducers

Acceptability 1407

RT Acceptance tests

- Codes
- Compatibility
- Evaluation
- Inspection
- Performance rating
- Performance tests
- Properties
- Quality control
- Rejection
- Reliability
- Risks
- Sampling
- Standards
- Tolerances (mechanics)

Acceptance tests 1402

- UF Proof tests
- BT -Materials tests
- Tests
- RT Acceptability
- Codes
- Field tests
- Gradation analysis
- Hardness tests
- Impact tests
- Index tests
- Inspection
- Laboratory tests
- Moisture content
- Nondestructive tests
- Performance tests
- Quality control
- Relative density
- Soil tests
- Test procedures
- Test results
- Test specimens
- Unit weight
- Wetting and drying tests

Access roads 1302.4

- BT -Roads
- RT Access routes
- Highway engineering
- Highways
- Right-of-way
- Transportation

Access routes 1302.4

- BT -Roads
- RT Access roads
- Highway engineering
- Highway relocation
- Highways
- Right-of-way
- Site selection
- Transportation

Accidents 1312

- NT Motor vehicle accidents
- RT -Damages
- Disasters
- Explosions
- Fires
- First aid
- Hazards
- Safety
- Shock (physiology)
- Wrecks

Accidents (traffic)

USE Motor vehicle accidents

Acclimatization 0616

- RT -Ecotypes
- Environmental effects
- Environments
- Longevity
- Speciation

Accounting 0501

- RT -Allocations
- Auditing
- Budgeting
- Costs
- Depreciation
- Expenditures
- Liabilities

Accretion (legal aspects) 0504.1

- UF Alluvion
- Rejection
- RT Bank erosion
- Boundaries (property)

ACCURACY

Accuracy

- Accuracy 1407**
 RT Calibrations
 -Consistency
 -Correction
 -Errors
 -First order surveys
 -Hysteresis
 -Inspection
 -Measurement
 -Reliability
 -Reproducibility
 -Sensitivity
 -Standards
 -Tolerances (mechanics)

Acequias 0203.1

- NT Public acequias
 RT -Civil law
 -Irrigation ditches

Acer species

- USE Maple trees

Acid bacteria 0613

- BT -Bacteria
 -Microorganisms
 -Plants (botany)
 RT -Aquatic bacteria
 -Aquatic microorganisms
 -Aquatic plants
 -Ferrobacillus
 -Mine wastes
 -Sulfate reducing bacteria
 -Thiobacillus ferrooxidans

Acidic rocks 0807

- BT -Crystalline rocks
 -Igneous rocks
 -Rocks
 NT Granite
 -Perlite
 -Pumice
 -Rhyolite
 RT -Acids
 -Basic rocks
 -Intermediate rocks
 -Pegmatites
 -Plutonic rocks
 -Ultrabasic rocks
 -Volcanic rocks

Acidic soils 0201

- (pH less than 6.5)
 BT -Earth materials
 -Materials
 -Soils
 -Soil types
 NT Gray-brown podzolic soils
 -Podzols
 -Red podzolic soils
 -Yellow podzolic soils
 RT -Acids
 -Lime
 -Pedalters
 -Spill banks
 -Strip mines

Acidic water 0702

- BT -Water types
 NT Acid mine water
 RT -Acids
 -Acid streams
 -Coal mine wastes
 -Mine acids
 -Strip mine lakes
 -Strip mine wastes
 -Waste water (pollution)

Acidity 0704

- BT -Chemical properties
 RT -Acids
 -Alkalinity
 -Buffers (chemistry)
 -Neutralization
 -pH
 -Soil chemical properties
 -Soil properties
 -Water pollution effects
 -Water properties

Acid mine drainage

- USE Mine drainage

Acid mine water 1302.2

- BT -Acidic water
 -Mine water
 -Water
 RT -Acid streams
 -Iron bacteria

- Liquid wastes
 Mine acids
 Mine drainage
 -Mine wastes
 -Mining
 -Wastes
 -Waste water (pollution)
 -Water pollution sources

Acids 0704

- BT -Chemicals
 NT Amino acids
 Fulvic acids
 Humic acids
 Mine acids
 -Organic acids
 Sulfuric acid
 RT -Acidic rocks
 -Acidic soils
 -Acidic water
 -Acidity
 -Acid streams
 -Aerobic bacteria
 -Alkalis (bases)
 -Chemical wastes
 -Neutralization
 -pH
 -Salts

Acid salts

- USE Salts

Acid streams 1302.2

- BT -Bodies of water
 -Running waters
 -Streams
 RT -Acidic water
 -Acid mine water
 -Acids
 -Contamination
 -Mine drainage
 -Mine wastes
 -Stream pollution
 -Water pollution

Acoustic equipment 2001

- BT -Equipment
 NT Hydrophones
 RT -Acoustics
 -Amplifiers
 -Detectors
 -Laboratory equipment
 -Measuring instruments
 -Microphones
 -Radios
 -Resonators
 -Sonar
 -Sound waves
 -Ultrasonic tests
 -Underwater acoustics

Acoustic insulation 2001

- UF Acoustic insulators
 BT -Insulation
 -Mechanical insulation
 RT Attenuators
 -Cork
 -Cushioning
 -Damping
 -Noise reduction
 -Panels
 -Shock (physiology)
 -Sound waves

Acoustic insulators

- USE Acoustic insulation

Acoustics 2001

- BT -Physics
 NT Underwater acoustics
 RT Absorbers
 -Acoustic equipment
 -Communication
 -Elastic waves
 -Harmonics
 -Hydrophones
 -Mach number
 -Mechanical properties
 -Mechanical waves
 -Natural frequency
 -Noise (sound)
 -Noise reduction
 -Reflection
 -Resonance
 -Sonic velocity tests
 -Sound
 -Sounding
 -Sound waves
 -Tuning forks

- Ultrasonics
 Ultrasonic tests
 -Vibration
 -Vibration damping
 -Waves

Acoustics (underwater)

- USE Underwater acoustics

Acquisition (data)

- USE Data collection systems

Acquisition (land)

- USE Land acquisition

Acresage 0202

- RT Agriculture
 -Areal
 -Crop production
 -Cultivated lands
 -Dimensions
 -Duty of water
 -Farm units
 -Size
 -Watersheds (basins)

Acroleins 0703

- BT -Aldehydes
 -Organic compounds

Acronyms 0502

- RT Descriptors
 -Nomenclatures
 -Symbols
 -Vocabulary

Actinomyces 0613

- BT -Bacteria
 -Microorganisms
 -Plants (botany)
 RT -Aerobic bacteria
 -Anaerobic bacteria
 -Organoleptic properties
 -Pathogenic bacteria
 -Soil bacteria
 -Soil microorganisms

Activated carbon 1107

- RT Adsorbents
 -Adsorption
 -Carbon
 -Liquid wastes
 -Sewage
 -Sewage stabilization
 -Sewage treatment
 -Solids contact process
 -Tertiary treatment
 -Waste water (pollution)
 -Water purification
 -Water treatment
 -Water treatment plants

Activated sludge 1302.1

- BT -Industrial waste treatment
 -Sludge
 -Treatment
 -Waste treatment
 RT Aeration
 -Aerobic bacteria
 -Aerobic treatment
 -Biodegradation
 -Biological treatment
 -Cultures
 -Fermentation
 -Organic loading
 -Sewage
 -Sewage bacteria
 -Sewage stabilization
 -Sewage treatment
 -Sludge digestion
 -Sludge treatment
 -Solids contact process

Activation energy 2013

- BT -Energy
 RT Neutralization
 -Neutron absorption

Active pressure 0813

- BT -Earth pressure
 -Pressure
 RT At rest pressure
 -Horizontal loads
 -Lateral forces
 -Load distribution
 -Negative pressure
 -Passive pressure
 -Rankine pressure
 -Retaining walls

THESAURUS OF WATER RESOURCES TERMS

- Stress distribution

Activities (foreign)

- USE Foreign activities

Actuators 1407

- RT Cams
 -Control equipment
 -Servomechanisms

Adapters 1305

- RT Collars
 -Compression fittings
 -Connectors (mechanical)
 -Fasteners
 -Fittings
 -Flanges
 -Mechanical fasteners

Additives 1107

- BT -Chemicals
 NT -Admixtures
 -Air entraining agents
 -Concrete additives
 -Retarding agents
 -Set-retarding agents
 -Soil amendments
 -Water-reducing agents
 RT Accelerating (chemistry)
 -Air entrainment
 -Antifouling materials
 -Antifreeze
 -Coagulants
 -Concretes
 -Dyes
 -Emulsifying agents
 -Fillers
 -Inhibitors
 -Lime
 -Lubricants
 -Pigments
 -Pozzolans
 -Preservation
 -Setting (materials)
 -Solvents
 -Thickness
 -Wetting agents

Adhesion 1407

- BT -Physical properties
 -Surface properties
 RT Adhesives
 -Adsorption
 -Bonding
 -Bonding strength
 -Cohesion
 -Fusion
 -Internal forces
 -Laminates
 -Mechanical properties
 -Peeling
 -Shear tests

Adhesives 1101

- RT Adhesion
 -Binders
 -Bonding
 -Bonding strength
 -Coatings
 -Epoxy resins
 -Fasteners
 -Materials
 -Plastics
 -Sealants
 -Sealing compounds
 -Tapes

Adiabatic 2013

- RT Enthalpy
 -Entropy
 -Expansion
 -Heat
 -Heat transfer
 -Temperature
 -Thermodynamics

Adults 1313.2

- BT -Conduits
 -Tunnels
 -Underground structures
 RT -Drift
 -Shafts (excavations)
 -Shafts (mining)
 -Test pits
 -Tunnel construction
 -Unlined tunnels

Adjudication procedure 0504.1

- BT -Prior appropriation

THESAURUS OF TERMS

Adjudication procedure (Con.)

- Water rights
- RT Administrative agencies
- Natural flow doctrine

Adjusted costs 1401

- BT -Costs
- RT Adjusted income
- Adjusted prices
- Construction costs

Adjusted income 0503

- BT -Income
- RT Adjusted costs
- Adjusted prices

Adjusted prices 0503

- BT -Prices
- RT Adjusted costs
- Adjusted income
- Parly prices

Adjuvants 0601

- RT -Pesticides

Ad medium ilium aquae

- USE Boundaries (property)

Administration 0501

- UF Water management (administrative)
- NT -Contract administration
- Contracting
- RT Administrative agencies
- Administrative costs
- Adoption of practices
- Allotments
- Budgeting
- Construction management
- Coordination
- Cost sharing
- Decision making
- Drainage programs
- Economics
- Governments
- Industrial production
- Institutional constraints
- Institutions
- Laws
- Leadership
- Legal aspects
- Legislation
- Maintenance
- Management
- Manpower
- Multiple purpose projects
- Personnel management
- Planning
- Policies
- Political aspects
- Programs
- Project planning
- Projects
- Responsibilities
- Sciences
- Standards
- Technologists
- Vocabularies
- Water allocation (policy)
- Water demand
- Water policy
- Water resources development
- Water zoning

Administrative agencies 0501

- BT -Institutions
- Organizations
- RT Adjudication procedure
- Administration
- Federal agencies
- Federal government
- Licenses
- Permits
- Prior appropriation
- Regulations
- State governments
- Water allocation (policy)
- Water rights

Administrative costs 1401

- BT -Costs
- RT -Administration
- Construction costs
- Cost sharing
- Electric power costs
- Engineering costs
- Labor costs
- Operating costs

Administrative decisions 0501

- RT Problem solving
- Water law

Admiralty 0504.1

- RT Law of the sea
- Legal aspects
- Navigation
- Oceans
- Ships

Admixtures 1107

- BT -Additives
- Chemicals
- NT Air entraining agents
- Retarding agents
- Set-retarding agents
- RT Air entrainment
- Binders
- Calcium chloride
- Coagulants
- Concrete additives
- Dispersants
- Mortars
- Retardants
- Sodium chloride
- Surfactants
- Water-reducing agents
- Wetting agents

Adobe 1303

- BT -Clays
- Earth materials
- Finegrained soils
- Fines
- Materials
- Soils
- RT -Building materials
- Clay masonry
- Clay minerals

Adoption of practices 0501

- RT -Administration
- Conservation
- Diffusion
- Irrigation practices
- Pest control
- Resource conservation
- Retardance
- Social aspects
- Water management (applied)

Adsorbed water 0813

- BT -Moisture
- Soil water
- Vadose water
- Water
- Water types
- RT -Adsorption
- Boundary layer
- Films
- Hygroscopic water
- Soil moisture
- Soil physics
- Soil water
- Subsurface waters

Adsorbents 1107

- RT Activated carbon
- Adsorption
- Air conditioning
- Cleaning
- Desiccants
- Expansive clays

Adsorption 1407

- NT Anion adsorption
- Cation adsorption
- Ion adsorption
- RT -Absorption
- Activated carbon
- Adhesion
- Adsorbed water
- Adsorbents
- Bound water
- Chromatography
- Desorption
- Expansive clays
- Extraction
- Films
- Hygroscopic water
- Moisture uptake
- Solids contact process
- Sorption
- Surface properties
- Surfaces
- Water chemistry
- Water properties
- Water treatment

Advanced fry

- USE Fry

Advanced waste treatment

- USE Tertiary treatment

Advection 2013

- RT Air circulation
- Arid lands
- Condensation
- Convection
- Crop response
- Evapotranspiration
- Heat transfer
- Wind (meteorology)

Aedes species

- USE Mosquitoes

Aeolian deposits

- USE Aeolian soils

Aeolian soils 0807

- UF Aeolian deposits
- Deposits (aeolian)
- BT -Earth materials
- Materials
- Soils
- Soil types
- Loess
- NT Dunes
- Dune sands
- Dust storms
- Eluvium
- Geologic deposits
- Sands
- Silt
- Silly loams
- Volcanic ash
- Wind (meteorology)
- Wind erosion

Aeolian vibration 2011

- BT -Vibration
- RT -Electric conductors
- Galloping conductors
- Suspension bridges
- Transmission lines
- Transmission towers
- Vibration damping
- Wind (meteorology)

Aeration 0704

- RT -Absorption
- Activated sludge
- Aerobic conditions
- Aerobic treatment
- Air
- Air admission
- Air Lubblies
- Air entraining agents
- Air entrainment
- Bubbles
- Carburetors
- Cavitation
- Deaeration
- Dissolved oxygen
- Entrainment
- Injection
- Mixing
- Mixing length
- Oxygen
- Oxygenation
- Oxygen requirements
- Oxygen sag
- Purification
- Re-aeration
- Saturated soils
- Self-purification
- Sewage stabilization
- Sewage treatment
- Sewage treatment plants
- Sewage works
- Soil gases
- Soil-water-plant relationships
- Spraying
- Sprays
- Waste assimilative capacity
- Waste water treatment
- Water circulation
- Water filters
- Water pollution treatment
- Water purification
- Water quality control
- Water treatment
- Water treatment plants
- Zone of aeration

AEROBIC CONDITIONS

Aerial photographs

- USE Aerial photography

Aerial photography 1405

- UF Aerial photographs
- BT -Photography
- RT Aerial reconnaissance
- Aerial surveys
- Airborne equipment
- Color photography
- Data collection systems
- High speed photography
- Infrared photography
- Mosaics
- Photogeology
- Photogrammetry
- Photographs
- Photointerpretation
- Plane surveying
- Reconnaissance surveys
- Remote sensing
- Stereoscopes
- Stereoscopic map plotters
- Stereoscopic photography
- Surveying
- Surveys
- Topographic mapping
- Topographic surveys

Aerial reconnaissance 0802

- RT Aerial photography
- Aerial surveys
- Airborne equipment
- Mapping
- Maps
- Mosaics
- Photogeology
- Photogrammetry
- Photointerpretation
- Reconnaissance surveys
- Remote sensing
- Surveys

Aerial sensing

- USE Remote sensing

Aerial surveys 0802

- UF Airborne surveying
- BT -Surveys
- RT Aerial photography
- Aerial reconnaissance
- Airborne equipment
- Geodetic surveys
- Geological surveys
- Geophysical prospecting
- Hydrographic surveys
- Mosaics
- Photogeology
- Photogrammetry
- Reconnaissance surveys
- Remote sensing
- Topographic surveys

Aerobic bacteria 0613

- BT -Bacteria
- Microorganisms
- Plants (botany)
- NT Azotobacter
- Beggiatoa
- Ferrobacillus
- Lactobacillus
- Mycobacterium
- Myrobacteria
- Salmonella
- Shigella
- Sphaerolus
- Streptococcus
- RT -Acids
- Actinomycetes
- Activated sludge
- Aerobic conditions
- Aquatic bacteria
- Aquatic microorganisms
- Aquatic plants
- Iron bacteria
- Methane bacteria
- Mine wastes
- Nitrogen fixing bacteria
- Oxidation lagoons
- Self-purification
- Sewage bacteria
- Soil disposal fields
- Sulfate reducing bacteria
- Thiobacillus ferrooxidans

Aerobic conditions 0613

- RT Aeration
- Aerobic bacteria
- Anaerobic conditions

AEROBIC TREATMENT

Aerobic conditions (Con.)

Carbon cycle
-Oxygen

Aerobic treatment 1302.1

BT -Treatment
RT Activated sludge
Aeration
Aquatic productivity
-Oxygen demand
-Waste treatment
-Water treatment
Water treatment plants

Aerodynamics 2004

BT -Dynamics
-Fluid dynamics
-Fluid mechanics
RT Aeronautics
Ballistics
-Compressible flow
-Drag
Fins
-Fluid flow
-Gases
Guide vanes
Jet diffusion
Jets
Laminar flow
Mach number
Non-uniform flow
Pressure drag
Supersonic flow
Supersonic flow
-Thermodynamics
Thrust
Transient flow
Turbulent flow
-Unsteady flow
Viscous flow
Wakes
Wedges
Wind tunnels

Aeronautics 0102

UF Aviation
RT Aerodynamics
-Aircraft
Helicopters

Aerosols 0704

B1 -Colloids
RT Application equipment
-Application methods
-Dust
Fallout
Foaming
-Fog
Formulation
Mist
Particles
Pesticide drift
Smog
Spraying

Aesthetics 0510

UF Esthetics
R* Air pollution effects
Arts
-Beautification
City planning
Community development
Concrete finishing
Creativity
Drawings
Highway beautification
Human engineering
Landscaping
-Ornamentals
-Parks
Psychological aspects
-Psychology
Public opinion
Scenery
Scenic highways
-Social aspects
-Sociology
Urban renewal
-Value
Water pollution effects
-Water treatment
Water treatment plants

Aestivation 0616

RT -Animal behavior
-Animal physiology
-Environmental effects
Heat budget
Heat resistance (biological)
Physiological ecology

Plant physiology

Afterbays 1302.6

BT -Bodies of water
-Reservoirs
-Standing waters
-Surface waters
RT Forebay dams
Hydroelectric power
Hydroelectric powerplants
Tailwater

Age 1407

RT Aging (biological)
Aging (physical)
Appreciation
-Dating
Dendrochronology
Depreciation
Engineering obsolescence
-Growth stages
-Life cycles
Life expectancy
Longevity
Project life
Radioactive dating
-Time

Agents (decontaminating)

USE Decontamination

Agents (dispersing)

USE Dispersants

Agents (inhibiting)

USE Inhibitors

Agents (reducing)

USE Reducing agents

Agents (retarding)

USE Retarding agents

Agents (wetting)

USE Wetting agents

Aggradation 0808

UF Stream aggradation
BT -Sedimentation
RT Alluvial streams
Armoring (streambed)
Bedload movement
Bed movements
-Degradation
Deposition
Dispersion
Equilibrium
Graded
-Sedimentation
Sediment concentration
Stream erosion
-Streams

Aggregates 1107

BT -Construction materials
-Granular materials
-Materials
NT Coarse aggregates
Fine aggregates
Lightweight aggregates
Soil aggregates
RT Alkali aggregate reactions
-Beneficiation
Bituminous concretes
-Building materials
-Cement-aggregate reaction
Cinders
Cohesionless soils
Concrete mixes
-Concretes
-Concrete technology
Crushed stone
Cyclopean concrete
-Fines
Fragmented materials
Gradation
Graded
Gravel pits
-Gravels
Heavy media separation
-Mechanical analysis
Particle size
Pea gravel
Rock density
Rubble
Sand pits
-Sands
Selected materials
Slags

Stones

Aggressive behavior

USE Animal behavior

Aging (biological) 0616

RT Age
Dystrophy
Eutrophication
Growth rates
-Growth stages
-Life cycles
Life expectancy
Longevity
Oligotrophy

Aging (physical) 1113 1407

RT Age
Chemical stability
-Corrosion
-Curing
Curing compounds
-Degradation (decomposition)
Deterioration
-Durability
Economic life
-Hardening
Life expectancy
-Resistance
Weathering

Agreements 0504.1

NT International compacts
RT Change orders
-Contract administration
-Contracts
Leases
-Legal aspects
Repayment contracts
Right-of-way

Agreements (foreign)

USE International compacts

Agreements (international)

USE International compacts

Agricultural chemicals 0201

BT -Chemicals
NT Detolants
Fertilizers
Lime
RT Chemcontrol
Chemical wastes
Desiccants
-Pesticides
Plant growth regulators
-Repellents
Soil amendments
Soil contamination
Water pollution sources

Agricultural economics 0102

BT -Economics
RT Agricultural engineering
Agriculture
Farm management
-Marketing
Monetary benefits
-Prices
Rural sociology

Agricultural engineering 0203

BT -Engineering
RT Agricultural economics
Agriculture
Contours
Development farms
Drainage engineering
Dry land farming
Experimental farms
Farm equipment
-Farms
Irrigation engineering
-Land forming
-Land management
Land reclamation
Soil conservation
Soil physics

Agricultural wastes

USE Farm wastes

Agricultural watersheds 0808

BT -Watersheds (basins)
RT Agriculture
-Corn belt
Demonstration watersheds
Drainage basins

-Farms
Grassed waterways
Small watersheds

Agriculture 0200

Use of a more specific term is recommended

RT Acreage
Agricultural economics
Agricultural engineering
Agricultural watersheds
Agronomy
-Aquaculture
Arable land
Crop production
-Crops
Cultivated lands
Demonstration farms
Development farms
Dry land farming
Experimental farms
Farm management
Farm prices
-Farms
Forestry
Horticulture
Hydrometeorology
-Irrigation
-Irrigation canals
-Land
Land classification
Land development
Land preparation
Land reclamation
-Livestock
-Pest control
-Plants (botany)
Poultry
Rural areas
Rural sociology
-Sciences
-Soils
-Surface irrigation
Vegetation
Water requirements

Agronomic crops 0204

BT -Crops
-Field crops
-Plants (botany)
NT Alfalfa
Alsike clover
Bahagrass
Barley
Bromegrass
-Cereal crops
Coastal bermudagrass
Corn (field)
Cotton
Crimson clover
Dallisgrass
Fescues
-Fiber crops
-Forage grasses
-Forage legumes
Forage mixtures
-Forages
Gamma grasses
Hay
Ladino clover
Oats
-Oilseed crops
Orchardgrass
Peanut
Perennial ryegrass
-Range grasses
Red clover
Rice
Sorghum
Soybeans
Sudangrass
Sugar beets
Sugarcane
-Sugar crops
Switchgrass
Tobacco
Velch
Wheat
Wheatgrasses
RT -Bluegrasses
-Clovers
-Cover crops
Crop production
Crop response
-Drainage
-Horticultural crops
Industrial crops
Irrigation effects
Lespedeza

THESAURUS OF TERMS

Agronomic crops (Con.)

- Plant groupings
- Soil management
- White clover

Agronomy 0204

Use of a more specific term is recommended

- UF Crop science
- RT Agriculture
- A horizon
- C horizon
- Cropping patterns
- Crop production
- Crop response
- Demonstration farms
- Horticulture
- Irrigation practices
- Plant breeding
- Plant diseases
- Plant pathology
- Soil chemistry
- Soil horizons
- Soil management
- Soil
- Soil science
- Tolerances (plant)
- Turf grasses
- Weed control
- Weeds

Agropyron species

USE Wheatgrasses

A horizon 0807

- BT Soil horizons
- RT Agronomy
- B horizon
- C horizon
- Land classification
- Soil profiles

Air 0401

Use of a more specific term is recommended

- BT Fluids
- Gases
- NT Compressed air
- Entrained air
- RT Aeration
- Air admission
- Air bubbles
- Air chambers
- Air circulation
- Air compressors
- Air conditioning
- Air currents
- Air demand
- Air-earth interfaces
- Air entrainment
- Air environment
- Air masses
- Air pollution
- Air pollution control
- Air pollution effects
- Air temperature
- Air void ratio
- Atmosphere
- Pore air pressure

Air admission 13071 13131

- RT Aeration
- Air
- Air entrainment
- Hydraulic conduits
- Hydraulic machinery
- Vents

Airblast circuit breakers 0901

- BT Circuit breakers
- Control equipment
- Electric switches
- RT Switching
- Switching circuits

Air boats

USE Boats

Airborne equipment 1505

- BT Equipment
- RT Aerial photography
- Aerial reconnaissance
- Aerial surveys
- Cloud seeding
- Mobile equipment
- Mobile laboratories
- Radar equipment
- Remote sensing
- Weather modification

Airborne surveying

USE Aerial surveys

Air bubbles 1407

- BT Bubbles
- RT Aeration
- Air
- Air chambers
- Air demand
- Air entrainment
- Air traps
- Air-water interfaces
- Effervescence
- Entrained air
- Foam
- Form separation
- Froth flotation

Air chambers 1307

- RT Air
- Air bubbles
- Air demand
- Air traps
- Drum gates
- Hydraulic conduits
- Hydraulic gates
- Hydraulic structures
- Hydraulic transients
- Hydraulic valves
- Pressure conduits
- Pressure tests
- Surge tanks
- Water hammer

Air circulation 1301 0401

- UF Air movement
- BT Circulation
- Movement
- RT Advection
- Air
- Air currents
- Air environment
- Air masses
- Atmosphere
- Circulation (animals)
- Circulation (plants)
- Connectors (mechanical)
- Convection
- Cooling systems
- Diffusers
- Fans
- Fins
- Fronts (atmospheric)
- Grilles
- Heating
- Louvers
- Microenvironment
- Mining engineering
- Precipitable water
- Rotating machines
- Transpiration
- Turbulence
- Ventilation
- Wind (meteorology)

Air compressors 1307

- BT Compressors
- Equipment
- RT Air
- Compressed air
- Construction equipment
- Pneumatic systems
- Pumps
- Rotating machines

Air conditioning 1301

- RT Adsorbents
- Air
- Air pollution control
- Air temperature
- Compressors
- Condensation
- Coolants
- Cooling
- Cooling systems
- Cooling towers
- Ducts
- Dust control
- Heaters
- Heating plants
- Heat pumps
- Humidity
- Metalwork
- Precooling
- Preheating
- Refrigerants
- Refrigeration
- Temperature control
- Ventilation

- Water cooling
- Water utilization

Air contamination

USE Air pollution

Aircraft 1107

- UF Airplanes
- RT Helicopters
- Aerobatics
- Aerports
- Application equipment
- Conveyances
- Navigation
- Radio sensing
- Runways
- Vehicles

Air currents 0402

- RT Air
- Air circulation
- Air-earth interfaces
- Hot film anemometers
- Hot wire anemometers
- Jet streams (meteorology)
- Meteorology
- Wind (meteorology)
- Wind speed
- Wind velocity

Air demand 2004

- RT Air
- Air bubbles
- Air chambers
- Cavitation
- Closed conduits
- Discharge (water)
- Flow
- Fluid mechanics
- Hydraulics
- Turbulence

Air-earth interfaces 1407

- UF Air-soil interfaces
- Earth-air interfaces
- BT Boundaries (surfaces)
- Interfaces

RT Air

- Air currents
- Air-water interfaces
- Boundary processes
- Energy balance
- Evaporation
- Evapotranspiration
- Microenvironment
- Shear drag
- Soil surfaces

Air entraining agents 1107

- BT Additives
- Admixtures
- RT Air
- Air admixture
- Concrete additives
- Concrete mixes
- Concrete technology

Air entrainment 0704

- BT Entrainment
- RT Additives
- Admixtures
- Aeration
- Air
- Air admission
- Air bubbles
- Air entraining agents
- Air void ratio
- Bleeding (concrete)
- Bubbles
- Concrete additives
- Concrete placing
- Concretes
- Dissolved gases
- Durability
- Entrained air
- Freeze-thaw durability
- Oxygenation
- Porosity
- Vents
- Void ratio
- Voils

Air entry values

USE Bubbling pressure

Air environment 1407

- BT Environments
- RT Air
- Air circulation

AIR POLLUTION CONTROL

- Air pollution
- Air temperature
- Atmosphere
- Fallout
- Humidity
- Pressure
- Wind (meteorology)
- Wind speed

Airfields

USE Airports

Air filters 1311

- BT Filters
- Fluid filters
- RT Air pollution control
- Dust control
- Ventilation

Air gaps 0901

- RT Air switches
- Circuit protection
- Electric arcs
- Interruption
- Interruption switches
- Lightning arresters
- Protection (electricity)

Air masses 0402

- NT Marine air masses
- RT Air
- Air circulation
- Air-water interfaces
- Atmosphere
- Atmospheric motion
- Fronts (atmospheric)
- Meteorology
- Storms
- Turbulence
- Weather
- Weather patterns
- Wind (meteorology)

Air movement

USE Air circulation

Airplanes

USE Aircraft

Air pollution 1302

- UF Air contamination
- Atmospheric pollution
- Contamination (air)
- Pollution (air)
- NT Thermal pollution
- RT Air
- Air environment
- Air pollution control
- Air pollution effects
- Atmosphere
- City planning
- Climatic changes
- Contamination
- Dust control
- Effervescence
- Emissions
- Environmental engineering
- Environmental sanitation
- Fallout
- Fluorides
- Incinerators
- Industrial plants
- Microenvironment
- Morbidity
- Mortality
- Particulates
- Path of pollutants
- Pollen
- Pollutant identification
- Pollutants
- Pollution abatement
- Pollution control
- Public health
- Radioactive wastes
- Smoke
- Temperature inversions
- Thermal gradient
- Toxins

Air pollution control 1302

- BT Control
- Pollution control
- RT Air
- Air conditioning
- Air filters
- Air pollution
- Electrostatic precipitation
- Environmental sanitation
- Fallout

AIR POLLUTION EFFECTS

Air pollution control (Con.)

Order
Pollutant identification
Pollutants
Public health

Air pollution effects 1302

BT - Effects
RT Aesthetics
- Air
- Air pollution
- Diseases
Haze
Morbidity
Mortality
Odor
Phytotoxicity
Pollutants
Public health
Radioactivity effects
Smog
Toxicity
Wind speed

Airports 0105

UF Airfields
Landing fields
RT - Aircraft
Aprons
- Drainage
- Facilities
- National defense
Navigation
Navy
Parking areas
- Pavements
Paving
Ports
Runways

Air-soil interfaces

USE Air-earth interfaces

Air space ratio

USE Air void ratio

Air switches 0901

BT - Control equipment
- Electrical equipment
- Electric switches
RT Air gaps
Substations (electrical)
Switching
Switching circuits
Switchyards (electrical)

Air temperature 0402

BT - Temperature
RT - Air
Air conditioning
Air environment
- Atmospheric physics
Climatic changes
Dew point
Fronts (atmospheric)
- Heat
- Hot winds
Isotherms
- Meteorology
Microenvironment
Potential evaporation
Water temperature
Weather

Air traps 1311

RT Air bubbles
Air chambers
- Bubbles
- Closed conduits
Compressed air
Entrained air
- Hydraulic structures
Pressure cells
Vents

Air void ratio 0813

UF Air space ratio
BT - Physical properties
- Soil physical properties
- Void ratio
RT - Air
Air entrainment
- Density
Entrained air
Permeability
Porosity
Voids

Air-water interfaces 1407

UF Water-air interfaces

BT - Boundaries (surfaces)
- Interfaces
- Liquid-gas interfaces
- Liquid-vapor interfaces
RT Air bubbles
Air-earth interfaces
- Air masses
Boule flotation
Boundary processes
- Bubbles
Entrained air
- Evaporation
Free surfaces
Microenvironment
Recreation

Air spousa

USE Wood duck

Alabama 0806

BT - Coastal plains
- Geographical regions
- States (geographical)

Alarm systems (fire)

USE Fire alarm systems

Alaska 0806

BT - Geographical regions
- States (geographical)
RT Arctic
- Cold regions
Subarctic

Albedo 0401

RT Climatic changes
Cosmic rays
- Radiation
Reflectivity
Snowpacks
- Surface properties

Alcohols 0703

BT - Chemical compounds
- Organic compounds
NT - Fatty alcohols
Hexadecanol
Octadecanol
RT - Carbohydrates
Evaporation control
Evaporation retardants

Aldehydes 0703

BT - Chemical compounds
- Organic compounds
NT Acroleins

Aldrin 0703

BT - Chemicals
- Chlorinated hydrocarbon pesticides
- Halogenated pesticides
- Insecticides
- Organic compounds
- Organic pesticides
- Pesticides

Alevis

USE Fry

Alfalfa 0204

UF Medicago sativa
BT - Agronomic crops
- Crops
- Dicots
- Field crops
- Forage legumes
- Forages
- Horticultural crops
- Legumes
- Pteridophytes
- Plants (botany)
RT Hay
Silage

Alfalfa valves 1311

BT - Valves

Algae 06031

BT - Plants (botany)
NT - Aquatic algae
Chara
Chlamydomonas
Chlorella
- Chlorophyta
- Chrysophyta
Cyanophyta
Diatoms
Dinoflagellates

Euglena
- Euglenophyta
Marine algae
Nuisance algae
Ochromonas
Odor-producing algae
Phaeophyta
- Pyrrophyta
Rhodophyta
Scenedesmus
Sessile algae
Soil algae
Taste-producing algae
RT Algal nutrients
Algal toxins
Algicides
Aquatic microbiology
- Aquatic microorganisms
- Aquatic plants
- Bacteria
Cultures
Diatomaceous earth
- Microorganisms
Periphyton
- Phytoplankton
Test canals
Waste stabilization ponds

Algae (attached)

USE Sessile algae

Algae (blue-green)

USE Cyanophyta

Algae (brown)

USE Phaeophyta

Algae (green)

USE Chlorophyta

Algae (red)

USE Rhodophyta

Algal blooms

USE Eutrophication

Algal control 0601

BT - Control
- Pest control
- Weed control
RT - Aquatic algae
Aquatic weed control
- Insects

Algal nutrients 0601

BT - Nutrients
RT - Algae
- Chemicals
Eutrophication
Foods
- Inorganic compounds
Nutrient requirements

Algal poisoning 0601

RT Algal toxins
- Aquatic algae
Poisonous plants
- Poisons
Water pollution sources

Algal toxins 0601

BT - Chemicals
- Poisons
- Toxins
RT - Algae
Algal poisoning
Poisonous plants

Algebra 1201

BT - Mathematics
NT - Linear algebra
Linear systems
Matrix algebra
RT - Coordinates
- Equations

Algicides 0606

BT - Chemicals
- Pesticides
- Poisons
RT - Algae
Aquatic weed control
Copper sulfate

Algorithms 1201

BT - Mathematical logic
RT Computer applications
Computer programming
- Computer programs

THESAURUS OF WATER RESOURCES TERMS

- Mathematical analysis
- Numerical analysis

Alignment

USE Alinement

Alinement 1407

UF Alinement
RT Azimuth
- Canals
Clearances
Correction
Direction finding
Highway engineering
Locating
Orientation
- Pipelines
- Plane surveying
Road design
- Roads
- Surveying
Survey stations

Aliphatic pesticides 0606

BT - Chemicals
- Organic pesticides
- Pesticides

Alkali aggregate reactions 13031

BT - Cement-aggregate reaction
- Chemical properties
- Chemical reactions
RT - Aggregates
- Alkalis (bases)
- Concretes
- Concrete technology
Deleterious materials
Deterioration
Low alkali cements
- Portland cements
Pozzolans
Silica

Alkali metals 0702

BT - Chemical elements
- Metals
NT Cesium
Lithium
- Potassium
Potassium radioisotopes
Sodium
RT - Alk. (bases)
Lithium alloys

Alkaline earth metals 0702

BT - Chemical elements
- Metals
NT Barium
Calcium
Magnesium
- Radium
Radium radioisotopes

Alkaline soils 0201

(pH greater than 7.3)
BT - Earth materials
- Materials
- Soils
- Soil types
NT Alkali soils
Brown soils
- Calcareous soils
Calciche
Chestnut soils
Prairie soils
Sierozems

RT - Alkalis (bases)
Chernozems
Halophytes
Irrigation effects
Land reclamation
- Pedocals
Saline soils
Salt removal
Soil reclamation
Soluble salts
Waterlogged land

Alkaline water 0702

BT - Water types
RT - Alkalis (bases)
- Saline water

Alkalinity 0704

BT - Chemical properties
RT Acidity
- Alkalis (bases)
Buffers (chemistry)
Neutralization

THESAURUS OF TERMS

Alkalinity (Con.)

PH
Soil chemical properties
Soil properties
Water properties

Alkalis (bases) 0704

UF Bases (chemical)
Hydroxides
BT Chemicals
NT Calcium hydroxide
Magnesium hydroxide
RT Acids
Alkali aggregate reactions
Alkali metals
Alkaline soils
Alkaline water
Alkalinity
Alkali soils
Bicarbonates
Neutralization
pH
Salts

Alkali soils 0201

pH greater than 8.5

BT Alkaline soils
Earth materials
Materials
Soils
Soil types
RT Alkalis (bases)
Calcareous soils
Irrigation effects
Salt removal
Serozems
Soluble salts

Alkaloids 0703

BT Chemical compounds
Organic compounds
RT Drugs

Alkyd resins 1109

BT Polyester resins
Resins
Synthetic resins
Thermosetting resins

Alkylbenzene sulfonates 1111

UF ABS
BT Aromatic compounds
Chemical compounds
Organic compounds
Sulfonates
Sulfur compounds
RT Detergents
Linear alkylate sulfonates

Alligatorweed 0603.1

UF Alternanthera phylloxeroides
BT Aquatic life
Aquatic plants
Aquatic weeds
Crops
Dicots
Floating plants
Floating weeds
Horticultural crops
Plants (botany)
Weeds
RT Weed control

Allium cepa

USE Onions

Allocations 0503

NT Cost allocation
Water allocation (policy)
RT Accounting
Appropriations (fiscal)
Budgeting
Budgets
Capital
Costs
Distribution
Economics
Estimating
Political aspects
Regulations

Allogenic succession 0606

BT Ecosystems
Succession
RT Drainage effects
Environmental effects

Allotmentia 0501

RT Administration
Budgeting

Budgets
Contracts
Finance
Financing
Governments
Grants
Universities
Water resources

Allowable stress 1313.5

BT Stress
RT Design criteria
Design data
Design standards
Safety factors
Stress analysis
Stress concentration
Stress distribution

Alloy cast iron

USE Cast iron

Alloys 1106

BT Chemical elements
Materials
Metals
NT Aluminum alloys
Brass
Bronzes
Cadmium alloys
Calcium alloys
Carbon alloys
Carbon steels
Cast iron
Cobalt alloys
Copper alloys
Germanium alloys
High strength steels
Iron alloys
Lead alloys
Low alloy steels
Low carbon steel
Magnesium alloys
Manganese alloys
Molybdenum alloys
Nickel alloys
Niobium alloys
Phosphorus alloys
Platinum alloys
Potassium alloys
Selenium alloys
Silicon alloys
Silver alloys
Sodium alloys
Stainless steel
Structural steel
Tin alloys
Titanium alloys
Tungsten alloys
Vanadium alloys
Zinc alloys
RT Bearings
Castings
Journal bearings
Metallurgy
Phase diagrams
Stress relieving
Structural steel
Superconductivity
Superconductors

Alluvial channels 0808

BT Channels
RT Alluvial streams
Alluvium
Channel morphology
Deltas
Flood plains
Meanders
Regime
Regime theory
Stream meandering

Alluvial cones

USE Alluvial deposits

Alluvial deposits 0807

UF Alluvial cones
Alluvial fans
Cones (alluvial)
Deposits (alluvial)
Fans (alluvial)
Fans (fluvial)
Fluvial deposits
Fluvial fans
BT Geologic deposits
Land forms
Sediment deposits
Sediments
NT Moraines
Sand bars
Terrace deposits

RT Alluvial streams
Alluvium
Claystones
Colluvium
Debris
Deltas
Erosion
Flood plains
Glacial deposits
Glacial soils
Gravels
Littoral materials
Placer mining
Sands
Sedimentary rocks
Sedimentation
Silt
Silty loams
Soils
Unconsolidated soils

Alluvial fans

USE Alluvial deposits

Alluvial streams 0806

BT Bodies of water
Land forms
Running waters
Streams
RT Aggradation
Alluvial channels
Alluvial deposits
Alluvium
Channel morphology
Deltas
Deposition
Flood plains
Fluvial morphology
Meanders
Regime theory

Alluvium

USE Accretion (legal aspects)

Alluvium 0807

UF Deposits (fluvial)
Fluvial soils
BT Azoal
Geologic deposits
Sediments
Soil types
RT Alluvial channels
Alluvial deposits
Alluvial streams
Colluvium
Debris
Deltas
Detrital soils
Erosion
Flood plains
Sediment deposits
Silt
Silty loams
Terrace deposits

Alpha particles 2008

UF Alpha radiation
Radiation (alpha)
BT Nuclear
RT Cosmic rays
Ions
Nuclear physics
Protons
Radiation
Radioactive decay
Radioactivity
Radioisotopes

Alpha radiation

USE Alpha particles

Alpine 0806

RT Cold regions
Mountains
Orography
Regions
Soil types
Watersheds (basins)

Alsike clover 0204

BT Agronomic crops
Clovers
Crops
Dicots
Field crops
Forage legumes
Forages
Horticultural crops
Legumes
Plants (botany)

Alteration of flow 0504.1

RT Diversion

AMINO ACIDS

Natural flow depletion
Obstruction to flow
Reasonable use
Relative rights
Riparian rights
Streamflow
Streamflow depletion

Alternanthera phylloxeroides

USE Alligatorweed

Alternating current 2003

BT Electric current
RT Direct current
Electrical properties
Electric power
Extra high voltage
Oscillators
Protective relaying
Rectifiers
Ultra high voltage

Alternative costs 1401

BT Costs
RT Construction costs

Altimeters 0104

BT Equipment
Instrumentation
Measuring instruments
Test equipment
RT Altitude
Barometers
Elevation
Navigation
Surveying instruments

Altitude 1407

BT Dimensions
Physical properties
RT Altimeters
Distance
Elevation
Height
Position finding

Aluminum 0702

BT Chemical elements
Materials
Metals
RT Aluminum alloys
Aluminum compounds
Passive metals

Aluminum alloys 1106

BT Alloys
Metals
RT Aluminum
Aluminum compounds

Aluminum compounds 0702 0703

BT Chemical compounds
NT Alums
RT Aluminum
Aluminum alloys

Aluminum towers 1313.5

BT Towers
RT Anchored towers
Footings
Guyed towers
Transmission lines
Transmission towers

Alums 0702

BT Aluminum compounds
Chemical compounds

Ambient light 2006

BT Electromagnetic waves
Light
Radiation
RT Bottom-reflected light

Ambloplites cavitrons

USE Roanoke bass

Ambloplites rupestris

USE Rock bass

American widgeon 0603.2

UF Mareca americana
Widgeon (american)
BT Animals
Aquatic life
Birds
Ducks (wild)
Migratory birds
Waterfowl
Wildlife

Amino acids 0703

BT Acids
Chemical compounds

USE = Use preferred term; UF = Used for; BT = Broader term; NT = Narrower term; RT = Related term

AMINOTRIAZOLE

Amino acids (Con.)

- Chemicals
- Nitrogen compounds
- Organic acids
- Organic compounds
- RT Peptides
- Proteins

Aminotriazole 0601

- UF Amitrole
- ATA
- BT -Chemicals
- Herbicides
- Organic pesticides
- Pesticides

Amitrole

USE Aminotriazole

Ammeters 1402

- BT -Equipment
- Instrumentation
- Measuring instruments
- Meters
- Test equipment
- RT -Electric current
- Galvanometers
- Ohmmeters
- Voltmeters

Ammocetes 0603 2

- BT -Animals
- Aquatic animals
- Aquatic life
- Fish
- Freshwater fish
- Growth stages
- Larvae
- Larvae
- Wildlife

Ammocrypta species

USE Darters

Ammonia 0702

- BT -Chemical compounds
- Nitrogen compounds
- RT Ammonification
- Ammonium compounds
- Denitrification
- Nitrification
- Refrigerants

Ammonification 0702

- BT -Chemical properties
- Chemical reactions
- RT Ammonia
- Nitrogen cycle

Ammonium compounds 0702 3703

- NT Ammonium salts
- RT Ammonia
- Fertilizers

Ammonium salts 0702

- BT -Ammonium compounds
- Chemical compounds
- Chemicals
- Nitrogen compounds
- Salts

Amortization 0503

- RT Deferred costs
- Depreciation
- Engineering obsolescence
- Life expectancy
- Service life

Amphibians 0603 2

- BT -Animals
- Wildlife
- RT Frogs
- Newts
- Salamanders
- Toads
- RT Animal groupings
- Aquatic animals

Amphibious plants 0603 1

- BT -Aquatic life
- Aquatic plants
- Plants (botany)
- Rooted aquatic plants
- NT Cattails
- Widgeon grass
- RT -Aquatic weeds
- Buttush
- Floating plants
- Marsh plants
- Plant groupings

- Riparian plants
- Trees

Amphipoda 0603 2

- BT -Animals
- Aquatic animals
- Aquatic life
- Crustaceans
- Invertebrates

Amplification 2014

- RT Amplitude
- Dynamic response
- Sensitivity
- Stability

Amplifiers 0905

- RT -Acoustic equipment
- Circuits
- Converters (electrical)
- Electronic equipment
- Repeaters (communications)
- Transistors

Amplitude 1407

- RT Accelerometers
- Amplification
- Amplitude modulation
- Dimensions
- Displacements
- Frequency
- Magnitude
- Oscillations
- Vibration
- Wave energy
- Waveforms
- Wave height
- Wavelength
- Wave propagation
- Waves

Amplitude modulation 2014

- BT -Modulation
- RT Amplitude
- Frequency modulation
- Powerline carriers
- Radio communication systems

Anadromous fish 0603 2

- BT -Animals
- Aquatic animals
- Aquatic life
- Fish
- Wildlife
- RT Animal groupings
- Catadromous fish
- Fish migration
- Fish passages
- Fish types
- Fishways
- Freshwater fish
- Salmonids
- Stream fisheries

Anaerobic bacteria 0613

- BT -Bacteria
- Microorganisms
- Plants (botany)
- NT Beggiatoa
- Clostridium
- Photosynthetic bacteria
- Sulfate reducing bacteria
- RT Actinomyces
- Anaerobic conditions
- Anaerobic digestion
- Anaerobic processes
- Anaerobic soils
- Biodegradation
- Farm lagoons
- Methane bacteria
- Nitrogen fixing bacteria
- Sewage bacteria
- Thermophilic bacteria

Anaerobic conditions 0613

- RT Aerobic conditions
- Anaerobic bacteria
- Anaerobic processes
- Anaerobic soils
- Biodegradation
- Carbon cycle
- Fishkill
- Oxygen sag
- Stagnant water

Anaerobic digestion 1302 1

- BT -Biodegradation
- Decomposition
- Degradation

- Degradation (decomposition)
- Digestion

- RT -Anaerobic bacteria
- Anaerobic processes
- Sludge digestion
- Sludge disposal
- Waste disposal
- Waste treatment

Anaerobic processes 0603

- RT -Anaerobic bacteria
- Anaerobic conditions
- Anaerobic digestion
- Anaerobic soils
- Biochemical oxygen demand
- Biodegradation
- Degradation (decomposition)
- Digestion
- Sewage treatment
- Sludge digestion

Anaerobic soils 0813

- BT -Earth materials
- Materials
- Soils
- RT -Anaerobic bacteria
- Anaerobic conditions
- Anaerobic processes
- Corrosion environments
- Underground corrosion

Analog computers 0902

- BT -Computers
- Electronic equipment
- RT -Analog models
- Analog
- Analog to digital converters
- Automation
- Computation
- Digital computers
- Digital to analog converters
- Electric analogs
- Hybrid computers
- Integration (mathematics)
- Models
- Nonlinear systems
- Process control
- Simulation

Analog-digital computers

USE Hybrid computers

Analog models 1201

- BT -Models
- Model studies
- NT Resistance networks
- RT Analog computers
- Analog
- Analog to digital converters
- Computer models
- Computers
- Data transmission systems
- Digital systems
- Digital to analog converters
- Hydrologic models
- Mathematical models
- Model tests

Analog 1407

- NT Electric analogs
- RT Analog computers
- Analog models
- Data transmission systems
- Hybrid computers
- Mathematical models
- Models
- Network analysis
- Nonlinear systems

Analog to digital converters 0902

- UF Digitizers
- RT Analog computers
- Analog models
- Coding
- Data transmission systems
- Digital computers
- Digital recording
- Digital systems
- Digital to analog converters
- Electric analogs
- Hybrid computers

Analogy (electric)

USE Electric analogs

Analogy (membrane)

USE Stress analysis

THESAURUS OF WATER RESOURCES TERMS

Analysis 1407

Use of a more specific term is recommended

- NT Benefit cost analysis
- Calculus
- Chemical analysis
- Chromatography
- Colorimetry
- Correlation analysis
- Cost analysis
- Differential equations
- Differential thermal analysis
- Dimensional analysis
- Finite difference method
- Finite element method
- Flame photometry
- Fluorimetry
- Fourier analysis
- Frequency analysis
- Gaussian distribution
- Gradient analysis
- Graphical analysis
- Gravimetric analysis
- Histograms
- Hydrograph analysis
- Income analysis
- Infrared spectroscopy
- Integrals
- Integration (mathematics)
- Management analysis
- Mathematical analysis
- Matrix methods (structural)
- Mechanical analysis
- Mineral analysis
- Monte carlin method
- Neutron activation analysis
- Nuclide analysis
- Numerical analysis
- Photographic analysis
- Polarographic analysis
- Qualitative analysis
- Quantitative analysis
- Radiochemical analysis
- Regional analysis
- Regression analysis
- Relaxation method
- Sequential analysis
- Series (mathematical)
- Sieve analysis
- Soil analysis
- Spectrum analysis
- Stability analysis
- Statistical analysis
- Stress analysis
- Structural analysis
- Tensor analysis
- Terrain analysis
- Thermal analysis
- Time series analysis
- Vector analysis
- Volumetric analysis
- Water analysis
- X-ray analysis
- RT -Analytical techniques
- Calculations
- Computation
- Cost comparisons
- Estimating
- Evaluation
- Finite differences
- Formal logic
- Problem Solving
- Product evaluation
- Sampling
- Test procedures
- Tests

Analysis (quantum)

USE Quantum mechanics

Analytical techniques 1402

- UF Techniques (analytical)
- NT Assay
- Bioassay
- Chromatography
- Colorimetry
- Depth-area-duration analysis
- Differential thermal analysis
- Dimensional analysis
- Electron microscopy
- Financial analysis
- Flame photometry
- Fluorimetry
- Gas chromatography
- Gravimetric analysis
- Hydrograph analysis
- Hypsometric analysis
- Infrared spectroscopy
- Microscopy

THESAURUS OF TERMS

Analytical techniques (Con.)

Neutron activation analysis
 Polarographic analysis
 Qualitative analysis
 Quantitative analysis
 Radiochemical analysis
 Slip-circle method
 Spectrophotometry
 Spectroscopy
 Tagging
 Thermal analysis
 Tracking techniques
 Volumetric analysis
 X-ray analysis
 X-ray diffraction
 X-ray fluorescence
 X-ray spectroscopy
 RT Analysis
 Bioindicators
 Centrifugation
 Chemistry
 Coagulation
 Color reactions
 Concrete tests
 Data reduction
 Digital systems
 Dye releases
 Electrophoresis
 Estimating
 Evaluation
 Fluorescence
 Foreign tests
 Indicators
 Instrumentation
 Laboratory tests
 Marking techniques
 Mathematical studies
 Methodology
 Membrane filters
 Model studies
 Nondestructive tests
 Nuclear magnetic resonance
 Path of pollutants
 Petrographic investigations
 Photometry
 Pollutant identification
 Prototype tests
 Radioactivity techniques
 Research and development
 Research facilities
 Sampling
 Separation techniques
 Soil tests
 Stress analysis
 Synoptic analysis
 Synthesis
 Technology
 Test procedures
 Tests
 Waste identification

Analyzers (frequency)
 USE Frequency analyzers

Analyzers (interference)
 USE Interference analyzers

Anas acuta
 USE Pintail ducks

Anas carolinensis
 USE Green-winged teal

Anas crecca
 USE Common teal

Anas diazi
 USE Mexican duck

Anas disorg
 USE Blue-winged teal

Anas tulaigula
 USE Mottled ducks

Anas platyrhynchos
 USE Mallard duck

Anas rubripes
 USE Black duck

Anas strepera
 USE Gadwall duck

Anastatic water
 USE Fringe water

Anchor bolts 1305
 BT Bolts
 Fasteners

Mechanical fasteners
 RT Anchors
 Embedded materials
 Embedded metal
 Posttensioning
 Pull-out tests
 Pull tests
 Rock bolts
 Rockslides
 Rock slope stability

Anchored bulkheads 1313.5

BT Bulkheads
 Engineering structures
 Retaining walls
 RT Anchors
 Belled anchors
 Fasteners
 Sheet piling
 Sheet piling
 Shore protection
 Stay lines
 Tie rods
 Walls

Anchored towers 1313.5

BT Towers
 RT Aluminum towers
 Anchors
 Belled anchors
 Belled footings
 Footings
 Guyed towers
 Stay lines
 Transmission lines
 Transmission towers

Anchor ice 0812

BT Ice
 RT Frigid ice
 Ice cover
 Streambeds
 Submergence

Anchors 1313.5

UF Cables (anchored)
 BT Fasteners
 Mechanical fasteners
 NT Belled anchors
 RT Anchor bolts
 Anchored bulkheads
 Anchored towers
 Auger-type footings
 Bank protection
 Belled footings
 Bolts
 Embedded materials
 Embedded metal
 Footings
 Foundations
 Pipe laying
 Posttensioning
 Pull-out tests
 Pull tests
 Rock bolts
 Screws
 Straps
 Studs
 Tie rods
 Uplift footings
 Uplift resistance

Andesite 0807

BT Crystalline rocks
 Igneous rocks
 Intermediate rocks
 Rocks
 Volcanic rocks
 RT Basalt
 Diorite
 Lava
 Petrography
 Petrology
 Rhyolite

Anemometers 1402

BT Equipment
 Instrumentation
 Measuring instruments
 Meteorological instruments
 Test equipment
 NT Hot film anemometers
 Hot wire anemometers
 RT Flow measurement
 Flowmeters
 Velocity
 Wind (meteorology)
 Wind speed
 Wind velocity

Angle of repose 0813

UF Repose (angle of)
 RT Angles (geometry)
 Cohesionless soils
 Critical slopes
 Cut slopes
 Debris as slides
 Friction coefficient (mechanical)
 Internal friction
 Land slides
 Slope angles
 Slope stability
 Soil properties
 Stability
 Stability analysis

Angles (geometry) 1201 1409

RT Angle of repose
 Azimuth
 Geometry
 Gradients
 Slopes
 Surveying
 Theodolites
 Triangulation nets
 Trigonometry

Angling

USE Fishing

Anhydrite 0807

BT Calcium sulfate
 Chemical compounds
 Inorganic compounds
 Minerals
 Sulfates
 RT Gypsum
 Plaster

Animal behavior 0510 0603.2

UF Aggressive behavior
 BT Behavior
 NT Fish behavior
 Insect behavior
 Social behavior
 RT Aestivation
 Animal physiology
 Animals
 Animal sounds
 Biology
 Biorhythms
 Characteristics
 Competition
 Environmental effects
 Food habits
 Habitats
 Human behavior
 Life history studies
 Migration
 Reproduction (biology)

Animals control 0603.2

BT Control
 NT Fish guiding
 Insect control
 RT Attractants
 Avicides
 Fish control agents
 Pest control
 Piscicides
 Preservation
 Repellents
 Rodenticides
 Shelterbelts
 Wildlife conservation

Animal diseases 0603.2

BT Diseases
 NT Fish diseases
 RT Animal pathology
 Animals
 Epidemiology
 Epizootiology
 Pathogenic fungi
 Zoonoses

Animal ecology

USE Ecology

Animal groupings 0603.2

Use of a more specific term
 is recommended
 RT Amphibians
 Anadromous fish
 Animals
 Aquatic animals
 Aquatic insects
 Benthic fauna
 Biology

ANIMAL PHYSIOLOGY

Birds
 Bottom fish
 Brackish-water fish
 Catadromous fish
 Coastal diving ducks
 Cold-water fish
 Commercial fish
 Desmersal fishes
 Domestic animals
 Ducks (wild)
 Fish
 Fish types
 Freshwater fish
 Furbearers
 Game birds
 Halophilic animals
 Insects
 Invertebrates
 Laboratory animals
 Livestock
 Low-altitude fishes
 Mammal groupings
 Mammals
 Marine animals
 Marine fish
 Migratory birds
 Mollusks
 Nekton
 Non-game birds
 Non-migratory birds
 Nuisance birds
 Poultry
 Prey fish
 Puddleducks
 Reptiles
 Rodents
 Rough fish
 Ruminants
 Shore birds
 Small animals (mammals)
 Song birds
 Sport fish
 Thermophilic animals
 Wading birds
 Warm-water fish
 Water birds
 Waterfowl
 Wildlife
 Xerophilic animals
 Zoology
 Zooplankton

Animal metabolism 0603.2

BT Animal physiology
 Metabolism
 RT Cloaca (zoological)
 Digestion

Animal parasites 0603.2

BT Parasites
 NT Fish parasites
 Trematodes
 RT Animal pathology
 Epizootiology
 Hosts
 Niches
 Worms
 Zoonoses

Animal pathology 0603.2

BT Pathology
 RT Animal diseases
 Animal parasites
 Animals
 Diseases
 Environmental effects
 Epizootiology
 Fish diseases
 Fish parasites
 Human pathology
 Parasites
 Zoonoses

Animal physiology 0603.2

UF Physiology (animal)
 NT Animal metabolism
 Fish physiology
 RT Aestivation
 Animal behavior
 Animals
 Biochemistry
 Biology
 Bioluminescence
 Circulation (animals)
 Cloaca (zoological)
 Diapause
 Digestion
 Environmental effects
 Enzymes

ANIMAL POPULATIONS

Animal physiology (Con.)

- Growth stages
- Laboratory animals
- Metabolism
- Mode of action
- Moisture stress
- Nutrient requirements
- Oxygen requirements
- Photoactivation
- Photoperiodism
- Physiological ecology
- Reproduction (biology)
- Respiration
- Water balance
- Zoology

Animal populations 06032

- BT -Population
- RT -Aquatic populations
- Zoology

Animals 06132

Use of a more specific term is recommended

- UF Fauna
- NT American widgeon
- Ammonites
- Amphibians
- Amphipoda
- Anadromous fish
- Annelids
- Aquatic animals
- Aquatic insects
- Atlantic menhaden
- Atlantic salmon
- Barrows goldeneye duck
- Bass
- Beavers
- Benthic fauna
- Big game
- Birds
- Black brant
- Black duck
- Bloodworms
- Blue goose
- Blue-winged teal
- Bottom fish
- Brackish-water fish
- Brant
- Brine shrimp
- Brook trout
- Brown trout
- Buffalo fishes
- Bufflehead duck
- Eulachins
- Burrowing animals
- Caddisflies
- Canada goose
- Canvasback duck
- Carnivores
- Carp
- Carp sucker
- Catadromous fish
- Catfishes
- Cattle
- Cavefishes
- Channel catfish
- Chinook salmon
- Chum salmon
- Cichlids
- Cisco
- Clams
- Coastal diving ducks
- Cold-water fish
- Commercial fish
- Commercial shellfish
- Common eider duck
- Common goldeneye duck
- Common merganser duck
- Common teal
- Copepods
- Coral
- Crabs
- Crayfish
- Crustaceans
- Culthroat trout
- Daphnia
- Darters
- Deer
- Desmersal fishes
- Diptera
- Dobsonflies
- Domestic animals
- Dragonflies
- Ducks (wild)
- Eels
- Elasmobranchs
- Emperor goose
- European widgeon
- Fish

- Forage fish
- Freshwater fish
- Frogs
- Fry
- Fulvous tree duck
- Furbearers
- Gadwall duck
- Game birds
- Gars
- Gastropods
- Geese (wild)
- Goats
- Gophers
- Greater scaup duck
- Green-winged teal
- Gulls
- Halophilic animals
- Herbivores
- Herrings
- Hogs
- Insects
- Invertebrates
- Isopods
- Jelly fish
- Juvenile fishes
- Killifishes
- Laboratory animals
- Lacewings
- Lake trout
- Lampreys
- Larvae
- Lesser scaup duck
- Livebearers
- Livestock
- Lobsters
- Low-latitude fishes
- Madtoms
- Mallard duck
- Mammals
- Man
- Marine animals
- Marine fish
- Mayflies
- Mexican duck
- Midges
- Migratory birds
- Mink
- Minnows
- Mites
- Mollusks
- Morays
- Mosquitoes
- Mottled ducks
- Mulletts
- Muskrats
- Mussels
- Mute swan
- Nektin
- Nematodes
- Newts
- Non-game birds
- Non-migratory birds
- Nuisance birds
- Oldsquaw duck
- Oligochaetes
- Omnivores
- Opossum shrimp
- Otters
- Oysters
- Pan fish
- Peccary
- Perches
- Pikes
- Pile perch
- Pink salmon
- Pink shrimp
- Pintail ducks
- Poultry
- Prey fish
- Protozoa
- Puddleducks
- Rainbow trout
- Redhead duck
- Reptiles
- Ring-necked duck
- Roanoke bass
- Rock bass
- Rodents
- Rotifers
- Rough fish
- Ruddy duck
- Ruminants
- Salamanders
- Saline water fish
- Salmon
- Salmonids
- Sauger
- Scavengers
- Sculpins

- Sea basses
- Sea nettles
- Sharks
- Sheep
- Shellfish
- Shiners
- Shore birds
- Shoveler duck
- Shrimp
- Siversides
- Sludge worms
- Small animals (mammals)
- Small game
- Smelts
- Smolt
- Snails
- Snakes
- Snow goose
- Sockeye salmon
- Song birds
- Sport fish
- Stellers eider duck
- Sticklebacks
- Stonellies
- Striped bass
- Suckers
- Sunfishes
- Swans
- Teredos
- Thermophilic animals
- Tilapia
- Toads
- Trematodes
- Trout
- Trumpeter swan
- Tubificids
- Turtles
- Wading birds
- Walleye
- Water beetles
- Water birds
- Waterleas
- Waterlowl
- Whistling swan
- White bass
- White-fronted goose
- White perch
- White seaperch
- White-winged scoter
- Wildlife
- Wood duck
- Worms
- Xerophilic animals
- Yellow bass
- Yellow perch
- Zooplankton
- RT -Animal behavior
- Animal diseases
- Animal groupings
- Animal pathology
- Animal physiology
- Animal sounds
- Aquatic life
- Benlhos
- Biology
- Biota
- Bird types
- Epizootology
- Fish and wildlife
- Fish types
- Genetics
- Life cycles
- Life expectancy
- Microorganisms
- Periphyton
- Pest control
- Plankton
- Predation
- Preservation
- Systematics
- Zoology

Animal sounds 06032

- RT -Animal behavior
- Animals
- Aquatic animals
- Communication
- Hydrophones

Animal wastes (wildlife) 06032

- BT -Wastes
- RT -Farm wastes
- Water pollution sources
- Wildlife
- Zoonoses

Anion adsorption 0701

- BT -Adsorption
- Ion adsorption

THESAURUS OF WATER RESOURCES TERMS

- RT -Anion exchange
- Anions
- Cation adsorption
- Cation exchange
- Clay minerals
- Ions

Anion exchange 0701

- BT -Ion exchange
- RT -Anion adsorption
- Anions
- Cation adsorption
- Cation exchange
- Demineralization
- Demineralization cells
- Ions

Anions 0704

- BT -Ions
- RT -Anion adsorption
- Anion exchange
- Cations
- Permselective membranes

Anisotropy 0704

- BT -Physical properties
- RT -Composite materials
- Isotropy
- Mechanical properties
- Optical properties
- Strength of materials
- Texture

Annealing 1308

- BT -Heat treatment
- Treatment
- RT -Hardening
- Heating
- Stress relieving

Annelids 06032

- UF Earthworms
- BT -Animals
- Invertebrates
- Worms
- NT -Oligochaetes
- Sludge worms
- Tubificids
- RT -Benthic fauna
- Bloodworms
- Entomology

Annotations 0502

- RT -Abstracts
- Documentation
- Publications
- Technical writing

Annual 1407

- RT -Average
- Biorhythms
- Monthly
- Seasonal
- Time
- Varves
- Water year

Annual benefits 0501

- BT -Benefits
- RT -Annual costs
- Annual equivalent benefits

Annual costs 1401

- BT -Costs
- RT -Annual benefits
- Annual equivalent costs
- Electric power costs

Annual equivalent benefits 0501

- BT -Benefits
- RT -Annual benefits
- Annual equivalent costs
- Benefit-cost analysis
- Benefit-cost ratios
- Comparative benefits
- Manual benefits

Annual equivalent costs 1401

- BT -Costs
- RT -Annual costs
- Annual equivalent benefits
- Benefit-cost analysis
- Benefit-cost ratios
- Comparative costs

Annual floods 0808

- BT -Floods
- RT -Flood forecasting
- Flood frequency

THESAURUS OF TERMS

Annual floods (Con.)

- Flood hydrology
- Flood protection
- Flood routing
- Peak runoff
- Rainfall
- Runoff
- Runoff forecasting
- Streamflow forecasting
- Weather forecasting

Annual succession 0606

- BT -Ecosystems
- Succession
- RT Seasonal

Annual turnover 0603

- RT Biomass
- Productivity

Anodes 0704 0901

- BT -Electrodes
- RT Anodic protection
- Cathodes
- Cathodic protection
- Electrochemistry
- Electrolysis
- Electrons
- Electroosmosis
- Graphite
- Phase control

Anodic protection 1308

- BT -Control
- Corrosion control
- RT Anodes
- Cathodes
- Cathodic protection
- Corrosion
- Corrosion currents
- Corrosion resistance
- Painting
- Pitting

Anodizing 1308

- RT -Coatings
- Hard surfacing
- Metal coatings
- Painting
- Protective coatings
- Surfacing

Anser albifrons

- USE White-fronted goose

Antarctic 0806

- RT Arctic
- Climatic zones
- Cold regions
- Cold weather construction
- Polar regions
- Regions
- Subarctic

Antecedent precipitation 0402

- BT -Groundwater sources
- Precipitation (atmospheric)
- RT Infiltration
- River forecasting
- Runoff
- Snowmelt
- Water storage

Antennas 0905

- RT Direction finding
- Electromagnetic waves
- Microwaves
- Radar
- Radio communication systems
- Receivers
- Telemetry
- Towers
- Transmission towers
- Transmitters

Anthracite

- USE Coal

Antibiotics (pesticides) 0606

- BT -Chemicals
- Organic pesticides
- Pesticides
- Poisons
- RT -Anthelminthes (pesticides)
- Antimycin A
- Antiprotozoals (pesticides)
- Bactericides
- Fungicides
- Herbicides
- Piscicides

- Spirochetalicides (pesticides)
- Vincides

Anticorrosion materials

- USE Corrosion control

Anticyclones 0402

- UF High pressure areas
- RT Atmospheric pressure
- blizzards
- Cyclones
- Meteorology
- Weather patterns

Antierosion materials

- USE Erosion control

Antifouling materials 0606

- RT -Adhesives
- Aquatic weed control
- Paints
- Protective coatings
- Weed control

Antifreeze 1107

- RT -Additives
- Freezing

Anthelminthes (pesticides) 0606

- BT -Chemicals
- Pesticides
- Poisons
- NT Nematocides
- RT Antibiotics (pesticides)

Antimycin A 0606

- RT Antibiotics (pesticides)
- Chemicals
- Fish control agents
- Organic pesticides
- Pesticides
- Piscicides
- Poisons

Antiprotozoals (pesticides) 0606

- UF Protozoals (pesticides)
- BT -Chemicals
- Pesticides
- Poisons
- RT Antibiotics (pesticides)
- Protozoa

Apelles species

- USE Sticklebacks

Apertures 1407

- RT Cavities
- Louvers
- Orifices
- Ports
- Spacing

Aphotic zone 0808 0810

- RT Deep water
- Light penetration
- Oceans
- Pelagial zone

Apparatus

- USE Equipment

Apparatus (recording)

- USE Recording systems

Apparatus (vacuum)

- USE Vacuum apparatus

Appears

- USE Judicial decisions

Apples 0204

- UF Pyrus malus
- BT -Crops
- Dicots
- Fruit crops
- Horticultural crops
- Plants (botany)
- Pome fruits
- Stone fruits
- RT Orchards
- Trees

Appliances 1309

- RT Domestic wastes
- Domestic water
- Instrumentation
- Water consumption

Application equipment 1304

- BT -Equipment
- RT Aerosols
- Aircraft
- Application methods
- Granules
- Irrigation operation & maintenance
- Irrigation practices
- Irrigation systems
- Soil treatment
- Sprays
- Water pollution treatment

Application methods 1306

- UF Application techniques
- Methods of application
- BT -Methodology
- NT Dipping
- Dusting
- RT Aerosols
- Application equipment
- Batch processing (data)
- Biocontrol
- Chemical control
- Dispersion
- Dust
- Extrusions
- Fertilization
- Foliar application
- Granules
- Irrigation operation & maintenance
- Irrigation systems
- Irrigation water
- Mist
- Pest control
- Pesticides
- Physical control
- Post-emergents
- Pre-emergents
- Rates of application
- Root zone
- Seed treatment
- Selectivity
- Soil treatment
- Sprays
- Systemics

Application rates

- USE Rates of application

Application techniques

- USE Application methods

Applied psychology 0510

- BT -Psychology
- RT Human behavior
- Incentives
- Leadership
- Motivation
- Personnel management
- Political science
- Psychological aspects
- Public opinion
- Public relations

Applied research 1406

- BT -Research and development
- RT Basic research
- Engineering
- Industries
- Sciences
- Scientific personnel
- Technology

Appraisals 0503

- NT Land appraisal
- RT Assessment
- Cost analysis
- Evaluation
- Foreign tests
- Personnel management
- Product evaluation
- Real property
- Value

Appreciation 0503

- UF Value added
- RT Age
- Depreciation
- Value

Approach channels 1313 1

- BT -Channels
- Hydraulic structures
- RT Canals
- Converging flow
- Entrance channels

AQUATIC ALGAE

- Intake channels
- Intake transitions
- Morning glory spillways
- Outlet works
- Powerplants
- Pumping plants
- Rectangular weirs
- Spillway approach
- Spillway capacity
- Spillways
- Training walls

Appropriable waters

- USE Appropriation (water rights)

Appropriation (water rights) 0504 1

- UF Appropriable waters
- Non-riparian waters
- Water appropriation
- BT -Prior appropriation
- Water rights
- RT Beneficial use
- Preferences (water rights)
- Priorities

Appropriations (fiscal) 0501

- RT -Allocations
- Budgeting
- Budgets
- Capital
- Expenditures
- Federal budgets
- Revenues

Approximation method 1201

- RT Estimating
- Finite difference method
- Finite differences
- Finite element method
- Monte Carlo method
- Numerical analysis
- Relaxation method

Appurtenances 1313

- RT Small structures
- Structures
- Wasteways

Aprons 1302

- RT Airports
- Armoring (streambed)
- Bank stabiliz
- Concrete pavements
- Diversion dams
- Headwalls
- Headworks
- Hydraulic structures
- Parking areas
- Pavements
- Paving
- Revelments
- Rigid pavements
- Riprap

Aquaria 0603 2

- RT -Fish
- Fish management

Aquatic algae 0603 1

- UF Freshwater algae
- BT -Algae
- Aquatic life
- Aquatic plants
- Plants (botany)
- NT Chara
- Diatoms
- Dinoflagellates
- Euglena
- Euglenophyta
- Marine algae
- Nuisance algae
- Ochromonas
- Odor-producing algae
- Pyrrophyta
- Rhodospirillum
- Scenedesmus
- Taste-producing algae
- RT Algal control
- Algal poisoning
- Aquatic microorganisms
- Aquatic productivity
- Aquatic weed control
- Aquatic weeds
- Benthic flora
- Benthos
- Chlamydomonas
- Chlorella
- Chlorophyta

AQUATIC ANIMALS

Aquatic algae (Con.)

-Chrysophyta
-Cyanophyta
-Eutrophication
-Fish food organisms
-Floating plants
-Fouling
-Harvesting of algae
-Nannoplankton
-Periphyton
-Phaeophyta
-Plankton
-Primary productivity
-Scum
-Sessile algae
-Submerged plants
-Water pollution sources
-Weeds

Aquatic animals 0603.2

UF Aquatic invertebrates
Freshwater animals
Hydrophilic animals

NT -Animals

RT -Aquatic life

RT -Amphibians

RT -Amphipoda

RT -Anadromous fish

RT -Aquatic insects

RT -Atlantic menhaden

RT -Atlantic salmon

RT -Bass

RT -Benthic fauna

RT -Bottom fish

RT -Brackish-water fish

RT -Brine shrimp

RT -Brook trout

RT -Brown trout

RT -Buffalo fishes

RT -Bullheads

RT -Carp

RT -Carp sucker

RT -Catadromous fish

RT -Catfishes

RT -Cavefishes

RT -Channel catfish

RT -Chinook salmon

RT -Chum salmon

RT -Cichlids

RT -Cisco

RT -Clams

RT -Cold-water fish

RT -Commercial fish

RT -Commercial shellfish

RT -Copepods

RT -Coral

RT -Crabs

RT -Crayfish

RT -Crustaceans

RT -Cutthroat trout

RT -Daphnia

RT -Darters

RT -Desmersal fishes

RT -Dobsonflies

RT -Dragonflies

RT -Eels

RT -Elasmobranchs

RT -Fish

RT -Forage fish

RT -Freshwater fish

RT -Fry

RT -Gars

RT -Gastropods

RT -Herrings

RT -Isopods

RT -Jelly fish

RT -Juvenile fishes

RT -Killifishes

RT -Lake trout

RT -Lampreys

RT -Livebearers

RT -Lobsters

RT -Low-latitude fishes

RT -Mollusks

RT -Mudminnows

RT -Mulletts

RT -Mussels

RT -Nekton

RT -News

RT -Oligochaetes

RT -Opossum shrimp

RT -Oysters

RT -Pan fish

RT -Perches

RT -Pikes

RT -Pile perch

Pink salmon
Pink shrimp
Prey fish
Rainbow trout
Roanoke bass
Rock bass
Robbers
Rough fish
Salamanders

-Saline water fish

-Salmon

-Salmonids

-Sauger

-Sculpins

-Sea basses

-Sea nettles

-Sharks

-Shellfish

-Shiners

-Shrimp

-Silversides

-Sludge worms

-Smelts

-Smolt

-Snails

-Sockeye salmon

-Sport fish

-Sticklebacks

-Stoneliess

-Striped bass

-Suckers

-Sunfishes

-Tereidos

-Titapia

-Trout

-Tubificids

-Walleye

-Water beetles

-Waterfliers

-White bass

-White perch

-White seaperch

-Yellow bass

-Yellow perch

-Zooplankton

RT -Amphibians

RT -Animal groupings

RT -Animal sounds

RT -Aquatic microorganisms

RT -Benthos

RT -Burrows

RT -Coastal diving ducks

RT -Fish types

RT -Frogs

RT -Furbearers

RT -Invertebrates

RT -Limnology

RT -Nematodes

RT -Periphyton

RT -Plankton

RT -Protozoa

RT -Puddleducks

RT -Reptiles

RT -Rodents

RT -Shore birds

RT -Small animals (mammals)

RT -Snakes

RT -Thermophilic animals

RT -Toads

RT -Trematodes

RT -Turtles

RT -Wading birds

RT -Water birds

RT -Worms

Aquatic bacteria 0613

UF Freshwater bacteria

BT -Aquatic life

BT -Aquatic microorganisms

BT -Aquatic plants

BT -Bacteria

BT -Microorganisms

BT -Plants (botany)

BT -Seston

NT Beggiatia

NT Ferrobacillus

NT Marine bacteria

NT Sphaerotilus

NT Thermophilic bacteria

RT Acid bacteria

RT Aerobic bacteria

RT Azotobacter

RT Coliforms

RT E. coli

RT Iron bacteria

RT Limnology

RT Mycobacteria

RT Nannoplankton

RT Phytoplankton

-Plankton
-Pseudomonas
-Sewage bacteria
-Sulfate-reducing bacteria
-Thiobacillus ferrooxidans
-Water pollution sources

Aquatic birds

USE Water birds

Aquatic drift 0603

UF Drift (aquatic)

BT -Drift

RT Driftwood

RT Flotsam

RT Jetsam

RT Tipton

RT -Aquatic life

RT -Aquatic microorganisms

RT -Drifting (aquatic)

RT -Plankton

RT -Sediment load

RT -Seston

RT -Suspension

Aquatic environment 1407

UF Fish environment

BT -Environments

NT Estuarine environment

NT Lentic environments

NT Lotic environment

RT -Aquatic habitats

RT Aquatic microbiology

RT Biology

RT Bodies of water

RT Calcification

RT Currents (water)

RT Depth

RT Fish behavior

RT Light penetration

RT Light quality

RT Limnology

RT Marshes

RT Shores

RT Surface waters

RT Swamps

RT Turbidity

RT Water pollution

RT Water properties

RT Water temperature

RT Water types

RT Wetlands

Aquatic fungi 0603.1

UF Freshwater fungi

BT -Aquatic life

BT -Aquatic microorganisms

BT -Aquatic plants

BT -Fungi

BT -Microorganisms

BT -Plants (botany)

BT -Seston

NT Marine fungi

RT -Nannoplankton

RT Pathogenic fungi

RT Phytoplankton

RT Plankton

RT Scum

RT Water pollution sources

Aquatic habitats 0606

BT -Environments

BT -Habitats

NT Deep-water habitats

RT -Aquatic environment

RT Biomass

RT Bodies of water

RT Ecology

RT Estuaries

RT Farm ponds

RT Fish behavior

RT Fish establishment

RT Gulls

RT Intertidal areas

RT Limnology

RT Marshes

RT Ponds

RT Population

RT Reservoirs

RT Swamps

RT Terrestrial habitats

RT Wetlands

RT Wildlife habitats

Aquatic insects 0603.2

BT -Animals

BT -Aquatic animals

BT -Aquatic life

BT -Insects

THESAURUS OF WATER RESOURCES TERMS

-Invertebrates
RT Dobsonflies
Dragonflies
Stoneliess
Water beetles
RT Animal groupings
Caddisflies
Diptera
Fish food organisms
Larvae
Limnology
Mayflies
Midges
Mites
Mosquitoes
Water pollution sources

Aquatic invertebrates

USE Aquatic animals

Aquatic life 0603

RT Alligatorweed
American windmill
Amphibians
Amphipoda
Anadromous fish
Aquatic life
Aquatic animals
Aquatic bacteria
Aquatic fungi
Aquatic insects
Aquatic microorganisms
Aquatic plants
Aquatic weeds
Atlantic menhaden
Atlantic salmon
Barrows goldeneye duck
Bass
Beggatons
Benthic fauna
Benthic flora
Benthos
Black brant
Black duck
Blue goose
Blue-winged teal
Bottom fish
Brackish-water fish
Brant
Brine shrimp
Brook trout
Brown trout
Buffalo fishes
Bullheads
Bulrush
Canada goose
Carversick duck
Carp
Carp sucker
Catadromous fish
Catfishes
Cattails
Cavefishes
Channel catfish
Charr
Chinook salmon
Chlamydomonas
Chum salmon
Cichlids
Cisco
Clams
Coastal diving ducks
Cold-water fish
Commercial fish
Commercial shellfish
Common eider duck
Common goldeneye duck
Common merganser duck
Common teal
Copepods
Coral
Crabs
Crayfish
Crustaceans
Cutthroat trout
Daphnia
Darters
Desmersal fishes
Dinoflagellates
Ditch grass
Dobsonflies
Dragonflies
Ducks (wild)
Eels
Elasmobranchs
Emperor goose

Aquatic life (Con.)

Aquatic life (Con.)

- Euglena
- Euphyphylla
- European widgeon
- Ferrobacillus
- Fish
- Floating plants
- Floating weeds
- Forage fish
- Freshwater fish
- Fry
- Gadusus tree duck
- Gairdall duck
- Gull
- Green herons
- Green heron (fish)
- Greenish sculpin duck
- Green-winged teal
- Gulls
- Herring
- Herring gulls
- Juvenile fishes
- Killifishes
- Lake trout
- Lampreys
- Lesser scaup duck
- Live bearers
- Lobsters
- Low latitude fishes
- Macromis
- Mallard duck
- Marine algae
- Marine animals
- Marine bacteria
- Marine fish
- Marine fungi
- Marine microorganisms
- Marine plants
- Mexican duck
- Minnows
- Mollusks
- Molluscs
- Mottled ducks
- Mussels
- Mussels
- Nannoplankton
- Nettle
- Newts
- Nuisance algae
- Ochromonas
- Odor-producing algae
- Oldsquaw duck
- Oligochaetes
- Opossum shrimp
- Oysters
- Pan fish
- Perches
- Periphyton
- Phytoplankton
- Pike
- Pike perch
- Pink salmon
- Pink shrimp
- Pintail ducks
- Plankton
- Pondweeds
- Prey fish
- Puddleducks
- Pyrophyta
- Rainbow trout
- Redhead duck
- Rhodophyta
- Ring-necked duck
- Roanoke bass
- Rock bass
- Rooted aquatic plants
- Rotifers
- Rough fish
- Ruddy duck
- Sago pondweed
- Salamanders
- Saline water fish
- Salmon
- Salmonids
- Sauger
- Scenedesmus
- Sculpins
- Sea basses
- Sea nettles
- Sharks
- Shellfish
- Shrimps
- Shoveler duck
- Shrimp
- Silversides
- Sludge worms
- Smelts
- Smolt
- Snails

- Snow goose
 - Sockeye salmon
 - Sphaerolus
 - Sport fish
 - Stuffers, eider duck
 - Sticklebacks
 - Stoneflies
 - Striped bass
 - Submerged plants
 - Suckers
 - Sunfishes
 - Taste-producing algae
 - Tenonies
 - Thermophilic bacteria
 - Tilapia
 - Troul
 - Tubificids
 - Wading birds
 - Walleye
 - Water beetles
 - Water lilies
 - Water lilies
 - Water lilies
 - Water lilies
 - Water hyacinth
 - White bass
 - White-fronted goose
 - White perch
 - White sucker
 - White-winged scoter
 - Widgeon grass
 - Wild rice
 - Wood duck
 - Yellow bass
 - Yellow perch
 - Zooplankton
- RT - Animals
- Aquatic drift
 - Biota
 - Collection
 - Limnology
 - Marine biotors
 - Marine engineering
 - Plants (bany)
 - Season
 - Shore birds
 - Water analysis

UF Water microbiology

- HT - Microbiology
- RT - Algae
 - Aquatic environment
 - Aquatic microorganisms
 - Bacteria
 - Biodegradation
 - Ecology
 - Limnology
 - Viruses
 - Water pollution
 - Water quality

UF Freshwater microorganisms

- BT —Aquatic life
- Microorganisms
- Seston
- NT —Aquatic bacteria
- Aquatic fungi
- Beggiatoa
- Diatoms
- Dinoflagellates
- Euglena
- Euglenophyta
- Ferrobacillus
- Marine bacteria
- Marine fungi
- Marine microorganisms
- Nannoplankton
- Ochromon
- Rhodophyta
- Rotifers
- Sphaerotilus
- Thermophilic bacteria
- RT —Acid bacteria
- Arctic bacteria
- Algae
- Aquatic algae
- Aquatic animals
- Aquatic drift
- Aquatic microbiology
- Aquatic plants
- Bacteria
- Benthic fauna
- Benthic flora
- Benthos
- Chlamydomonas
- Chlorella
- Chlorophyta
- Coliforms

- Crustaceans
- Ctenophores
- Echinoderms
- Enteric bacteria
- Floating plants from bacteria
- Lemnaceae
- Microalgae
- Myxobacteria
- Nematodes
- Pathogenic bacteria
- Phytoplankton
- Phytoplankton
- Plankton
- Primary productivity
- Protozoa
- Pseudomonas
- Pyroplankton
- Scum
- Sewage bacteria
- Submerged plants
- Surface reducing bacteria
- Thermophilic bacteria
- Theobacillus thermophilus
- Viruses
- Air pollution sources
- Zooplankton

USE Aquatic Area Control

UF Aquatic vascular p

- Aquatic vegetation
- Freshwater plants
- BT -Aquatic life
- Plants (botany)
- BT Alligatorweed
- Amphibious plants
- Aquatic algae
- Aquatic bacteria
- Aquatic fungi
- Aquatic weeds
- Bryozoa
- Benthic flora
- Bulrush
- Callitris
- Chitra
- Chlamydomonas
- Dinoflagellates
- Ditch grass
- Euglena
- Euglenophyta
- Ferrobacillus
- Floating plants
- Floating weeds
- Marine algae
- Marine bacteria
- Marine fungi
- Marine plants
- Nannoplankton
- Nuisance algae
- Ochromonas
- Odor-producing algae
- Phytoplankton
- Pondweeds
- Pyrrophyta
- Rhodophyta
- Rooted aquatic plants
- Sago pondweed
- Scenedesmus
- Spartanitus
- Submerged plants
- Taste-producing algae
- Thermophilic bacteria
- Water hyacinth
- Widgeon grass
- Wild rice
- RT Acid bacteria
- Aerobic bacteria
- Algae
- Aquatic microorganisms
- Chlorella
- Chlorophyta
- Clubmoss
- Coliforms
- Cyanophyta
- Fouling
- Limnology
- Phaeophyta
- Plankton
- Plant groupings

BT - Population

- NT Fish populations
RT Animal populations
Food chains

ADDRESS ONLY

- Linnology
- Plant Descriptions

57 - Prescriptive

- Aquatic algae
- benthos
- Great census
- Eutrophication
- Fish farming
- Limnology
- Plankton
- Water analyses

UF Submerged soil

- HT - Earth materials
- Materials
- Soils
- Soil types
RT - Drained (submerged)
Fish Liming
Rice
Underwater

USE Aquatic plants

USE Aquatic plants

UF Aquatic plant control

- BT - Control
- Pest control
- Weed control
RT - Algal control
Algicides
Antifouling materials
- Aquatic algae
- Herbicides
Mechanical control
Sago pondweed
- Weeds

UF Water needs

- BT - Aquatic life
 - Aquatic plants
 - Plants (bulrush)
 - Weeds
- NT - Alligatorweed
 - Floating weeds
 - Ponderails
 - Sago pondweed
 - Submersed weeds
 - Water hyacinth
- RT - Amphibious plants
 - Aquatic algae
 - Bulrush
 - Capacity reduction
 - Cattails
 - Floating plants
 - Irrigation ditches
 - Nuisance algae
 - Plant groupings
 - Rice
 - Rooted aquatic plants
 - Submersed plants
 - Test canals

BT - Closed contour

- Conduits
- Conveyance structures
- Hydraulic structures
- Waterways
- Rt -Canals
- Flumes
- Intake structures
- Noncircular conduits
- Penstocks
- Pipelines
- Pipes
- Public works
- Pumping plants
- Siphons
- Trapezoidal flumes
- Tubes
- Tunnels
- Water conveyance
- Water plans
- Water supply systems
- Water tunnels (conveyance)

UF Solutions (aqueous)

- BT -Solutions

USE = Use preferred term. UF = Used for. BT = Broader term. NT = Narrower term. RT = Related term.

AQUICLUDES

Aqueous solutions (Con)

- RT - Desalination
- Electrolytes
- Equilibrium
- Hydrolysis
- Liquids
- Saline water
- Saline water systems
- Solubility
- Solutions
- Solution
- Thermodynamics
- Water analysis
- Water chemistry
- Wave properties

Aquicludes 0808.1

- UF - Confining beds
- RT - Aquifers
- Aquifers
- Artesian aquifers
- Artesian water
- Artesian wells
- Confined water
- Flow nets
- Geohydrologic units
- Geologic formations
- Groundwater barriers
- Groundwater basins
- Groundwater flow
- Hydrologic models
- Impermeable soils
- Perched water table
- Permeability
- Springs (water)
- Strata
- Strip aquifers
- Two-part aquifers

Aquiculture 0801

- NT - Fish farming
- RT - Agriculture
- Commercial fishing
- Hydroponics
- Shellfish

Aquifer characteristics 0808.1

- RT - Aquifers
- Boundaries (surfaces)
- Groundwater
- Groundwater geology
- Hydraulics
- Hydrogeology
- Rock properties
- Transmissivity
- Water quality
- Water storage

Aquifer model 0808.1

- BT - Hydrologic models
- Models
- Model studies
- RT - Aquifers
- Groundwater
- Groundwater flow

Aquifers 0808.1

- UF - Confined aquifers
- Groundwater reservoirs
- Unconfined aquifers
- Water-bearing formations
- Water horizons
- NT - Artesian aquifers
- Strip aquifers
- Two-part aquifers
- RT - Aquicludes
- Aquifer characteristics
- Aquifer model
- Aquifers
- Artesian water
- Artesian wells
- Barometric efficiency
- Bedrock
- Bodies of water
- Confined water
- Conjunctive use
- Diffusivity
- Drawdown
- Flow
- Flow nets
- Geohydrologic units
- Geologic formations
- Groundwater
- Groundwater barriers
- Groundwater basins
- Groundwater flow
- Groundwater geology
- Groundwater hydrology
- Groundwater recharge
- Groundwater sources

- Hydrogeology
- Hydrologic models
- Inflow
- Malenclaves
- Natural recharge
- Permeability
- Porous soils
- Phreatic water
- Porosity
- Porous media
- Potentiometric level
- Pumping tests (wells)
- Recharge
- Recharge wells
- Site yield
- Saline water intrusion
- Soil water
- Specific capacity
- Specific retention
- Specific yield
- Spreading basins
- Springs (water)
- Storage coefficient
- Subsurface water
- Thiem test
- Transmissivity coefficient
- Underflow
- Underground storage
- Underground water storage
- Water sources
- Water table
- Water wells

Aquifer-stream relationships

- USE Surface-groundwater relationships

Aquifer tests 0808.1

- BT - Tests
- RT - Drawdown
- Irrigation wells
- Phreatic lines
- Pumping
- Pumping tests (wells)
- Specific capacity
- Thiem equation
- Thiem test
- Water wells
- Wells

Aquitards 0808.1

- RT - Aquicludes
- Aquifers
- Geologic formations
- Groundwater basins
- Hydrologic models
- Porous media

Arable land 0204

- BT - Land
- RT - Agriculture
- Cultivation
- Drainage
- Irrigable land
- Irrigated land
- Irrigation
- Land classification
- Land reclamation

Archis hypogaea

- USE Peanuts

Arc cutting

- USE Arc welding

Archaeology 0506

- RT - Cultures
- Fossils
- Geology
- History
- Man
- Paleoclimatology
- Paleontology

Arch bridges 1313.5

- BT - Bridges (structures)
- Engineering structures
- RT - Arches
- Arch trusses
- Bridge design
- Highway bridges
- Railroad bridges
- Structural design

Arch dams 1313.1

- BT - Concrete dams
- Concrete structures
- Dams
- Engineering structures

- Hydraulic structures
- BT - Double-curvature arch dams
- Multiple arch dams
- Thin arch dams
- RT - Arches
- Buttress dams
- Gravity dams
- Masonry dams
- Sheet structures
- Truss-land method

Arches 1313.5

- RT - Arch bridges
- Arch dams
- Architecture
- Arch trusses
- Bridges (structures)
- Buildings
- Structural design

Architects 0506

- BT - Personnel
- Professional personnel
- Technologists
- RT - Architecture
- Beratification
- Building design
- Buildings
- Designers
- Landscaping

Architectural concrete 1303.1

- BT - Building materials
- Concrete
- Construction materials
- RT - Concrete finishing
- Concrete products
- Lightweight concretes
- Precast concrete

Architecture 1313.4

- RT - Arches
- Architects
- Arts
- Beautification
- Building design
- Building materials
- Buildings
- Composite beams
- Composite structures
- Construction
- Construction materials
- Construction methods
- Corbels
- Design
- Landscaping
- Lighting
- Metalwork
- Prestressed concrete
- Residences
- Sciences
- Structural design
- Structural engineering
- Structures
- Warehouses

Arch trusses 1313.5

- BT - Trusses
- RT - Arch bridges
- Arches
- Bridges (structures)
- Buildings
- Highway bridges
- Railroad bridges
- Structural design
- Structural members

Arcs (electric)

- USE Electric arcs

Arctic 0806

- RT - Alaska
- Antarctic
- Climatic zones
- Cold regions
- Cold weather construction
- Glaciers
- Permafrost
- Polar regions
- Regions
- Subarctic
- Tundra

Arc voltages

- USE Electric arcs

Arc welding 1308

- UF - Arc cutting
- BT - Welding

THESAURUS OF WATER RESOURCES TERMS

- RT - Brazing
- Electric arcs

Area 1201

- RT - Geometry
- Integrals
- Plane surveying
- Specific surface
- Surfaces
- Volume

Area-altitude analysis

- USE Hypsometric analysis

Area capacity curves 0808.1

- BT - Curves
- Geometric shapes
- RT - Charts
- Dead storage
- Flood routing
- Graphic analysis
- Reservoirs
- Reservoir storage
- Reservoir surfaces
- Water levels

Area-depth curves

- USE Depth-area curves

Areal 1201

- RT - Acquire
- Dimensions
- Hypsometric analysis
- Lake morphometry
- Maps
- Profiles
- Rainfall disposition
- Regions
- Size
- Surfaces
- Volume
- Zoning

Area redevelopment 0511 1302

- RT - City planning
- Community development
- Economics
- Education
- Employment opportunities
- Labor supply
- Multiple purpose projects
- Planning
- Political aspects
- Relocation
- Resource development
- Resources
- Rural sociology
- Social aspects
- Urban renewal
- Urban sociology
- Water resources development

Argic water

- USE Vadose water

Argon 0702

- BT - Chemical elements
- Gases
- Inert gases
- Nonmetals

Arid climates 0402

- BT - Climate
- RT - Arid lands
- Climatic zones
- Climatology
- Deserts
- Dry seasons
- Dune sands
- Geography
- Playa lakes
- Rainfall
- Semiarid climates
- Temperate
- Weather

Arid lands 0806

- BT - Land
- Regions
- RT - Advection
- Arid climates
- Cacti
- Chaparral
- Cold regions
- Deserts
- Droughts
- Dry beds
- Dry land farming
- Dunes

THESAURUS OF TERMS

Arid lands (Con.)

Dune sands
Fallowing
Halophilic animals
Halophytes
Land reclamation
Moisture availability
-Pedocals
-Phreatophytes
Playa lakes
Range management
Reclamation states
Semiarid climates
Semiarid land
Sierozems
Stubble mulching
Temperate
Terrestrial habitats
Water spreading
Xerophilic animals
-Xerophytes

Arizona 0806

BT -Geographical regions
-States (geographical)
RT Reclamation states

Arkansas 0806

BT -Geographical regions
-States (geographical)

Armoring (streambed) 1313.1

RT Aggradation
Aprons
-Erosion control
-Linings
Paving
Protective coverings
Riprap
Slope protection
-Stabilization
Stream erosion
Stream stabilization

Army 1503

RT Military
-National defense
Navy

Aroma

USE Odor

Aromatic compounds 0703

BT -Chemical compounds
-Organic compounds
NT Alkylbenzene sulfonates
Benzene
Phenols

Aromatic solvents 0703

BT -Solvents
RT Benzene
-Styrene resins

Arrow diagrams 0501

BT -Diagrams
RT Bar graphs
-Construction control
Critical path method
Flow charts
PERT

Arroyos 0807

BT -Land forms
RT Canyons
Dry beds
Ephemeral streams
Gullies
Gully erosion
Intermittent streams
Ravines
Semiarid climates

Arsenicals (pesticides) 0606

BT -Arsenic compounds
-Chemicals
-Inorganic compounds
-Pesticides
NT Sodium arsenite

Arsenic compounds 0702 0703

BT -Chemical compounds
-Inorganic compounds
NT -Arsenicals (pesticides)
Sodium arsenite

Arsenic radiol isotopes 1802

BT -Isotopes
-Radiol isotopes

Artemia

USE Brine shrimp

Artesian aquifers 0808.1

BT -Aquifers
RT Aquicludes
Artesian water
Artesian wells
Confined water
-Groundwater
Groundwater mining
Groundwater potential
Lake bottom springs
-Pressure
-Springs (water)
-Subsurface waters
Underground streams
-Water pressure
Water sources
-Water wells
-Wells

Artesian water 0808.1

BT -Groundwater
-Subsurface waters
-Water
RT Aquicludes
-Aquifers
Artesian aquifers
Artesian wells
Confined water
Groundwater depletion
Groundwater flow
Groundwater management
Groundwater mining
-Groundwater sources
Hydraulic gradient
Percolating water
-Phreatic water
Quicksand
Sand boils
-Springs (water)
Thiers equation
Thiemo equation
Two-part aquifers
Underground streams
-Water pressure

Artesian wells 0808.1

BT -Water wells
-Wells
RT Aquicludes
-Aquifers
Artesian aquifers
Artesian water
Confined water
-Groundwater
Groundwater basins
Groundwater flow
Groundwater potential
-Phreatic water
-Pressure
-Springs (water)
Strip aquifers
-Subsurface waters
Two-part aquifers
-Water pressure
Water sources

Artificial flow

USE Developed waters

Artificial precipitation

USE Induced precipitation

Artificial recharge 0808.1

BT -Recharge
-Water management (applied)
NT Induced infiltration
Pit recharge
RT -Flow control
Furrow systems
Groundwater recharge
-Irrigation practices
-Irrigation water
Irrigation wells
Natural recharge
Spreading basins
-Waste water disposal
-Water reuse
Water salvage
Water spreading
-Water wells

Artificial respiration

USE Resuscitation

Artificial satellites

USE Satellites (artificial)

Artificial storms 0402.1

BT -Storms
RT Storm structure
-Weather modification

Artificial use 1314

UF Extraordinary use
RT Cooling water
-Irrigation water
Malt dams
Multiple purpose reservoirs
Municipal water
Reasonable use
-Riparian rights
Stock water
-Waste disposal
-Water pollution

Artificial watercourses 0806

BT -Watercourses (legal)
RT Natural streams

Arts 0506

Use of a more specific term
is recommended
RT Aesthetics
Architecture
-Beautification
Drawings
-Environments
-Sciences

Asbestos 1105

RT Asbestos cement
-Building materials
-Fibers
-Mechanical insulation
Serpentine
Thermal insulation

Asbestos cement 1303.1

UF Cement (asbestos)
BT -Building materials
-Concretes
-Construction materials
-Materials
RT Asbestos
Asbestos-cement pipes

Asbestos-cement pipes 1311

BT -Closed conduits
-Concrete products
-Concrete structures
-Conduits
-Pipes
RT Asbestos cement
-Buried pipes
Concrete pipes
-Pipeline
Pressure pipes
Reinforced plastic pipe
Rigid pipes
Tees
Water pipes

Ash (fly)

USE Fly ash

Ash (volcanic)

USE Volcanic ash

Ash trees 0206

UF Farinus species
BT -Crops
-Deciduous trees
-Dicots
-Horticultural crops
-Plants (botany)
-Trees

Asparagus 0204

BT -Crops
-Field crops
-Horticultural crops
-Monocots
-Plants (botany)
-Vegetable crops

Asphalt cement 1303

BT -Asphalts
-Bitumens
-Bituminous cements
-Bituminous materials
-Cements
NT Catalytically blown asphalt
Cutback asphalts
RT -Asphalt emulsions
-Asphalts
Bituminous concretes

Canal linings
Cationic asphalt emulsions
-Linings
Mastics
-Pavements
-Roads
Roofing materials
Water seals

Asphalt emulsions 1303

BT -Emulsions
NT Cationic asphalt emulsions
RT -Asphalt cement
-Asphalts
-Bitumens
-Bituminous cements
-Bituminous materials
-Coatings
Moistureproofing
-Sealants
Soil stabilization

Asphaltic concretes

USE Bituminous concretes

Asphalt membranes 1303

BT -Membranes
RT -Asphalts
-Bitumens
-Bituminous cements
Bituminous concretes
-Bituminous materials
Buried membranes
Canal linings
Canal sealants
Catalytically blown asphalt
Flexible linings
Impervious linings
Impervious membranes
-Leakage
-Lined canals
Seepage control
Waterproofing

Asphalt plants 1303

BT -Construction equipment
-Construction plants
-Equipment
RT -Asphalts
Bituminous concretes
-Bituminous materials
-Mixers
Paving
Road construction

Asphalts 1303

BT -Bitumens
-Bituminous materials
-Construction materials
-Hydrocarbons
NT -Asphalt cement
Catalytically blown asphalt
Cutback asphalts
RT -Asphalt cement
-Asphalt emulsions
Asphalt membranes
Asphalt plants
-Bituminous cements
Bituminous concretes
-Building materials
Canal linings
Cationic asphalt emulsions
Coal tar
-Concretes
Flexible pavements
-Linings
Mastics
-Pavements
Paving
Petroleum
Pipe linings
Pitch (materials)
-Protective coatings
Road design
Roofing materials
Seal coat
-Seals (stoppers)
Soil asphalt
Streets
Water seals
Water stops

Assay 1402

BT -Analytical techniques
NT Bioassay
RT -Chemical analysis
-Evaluation
Foreign tests
Laboratory tests

ASSESSMENTS

Assay (Con.)

- Pollutant identification
- Sampling
- Tests
- Warning systems

Assessments 0503

- RT - Appraisals
- Evaluation
- Income
- Land appraisal
- Progressive taxes
- Real property
- Revenues
- Taxes
- Value

Associated costs 1401

- BT - Costs
- RT - Contingency costs

Associations

- USE Organizations

Astronomical bodies 0301

- NT - Earth (planet)
- Mars (planet)
- Moon
- Planets
- Stars
- Sun
- RT - Astronomy
- Extraterrestrial hydrology
- Meteorites
- Meteors
- Satellites (artificial)

Astronomy 0301

- RT - Astronomical bodies
- Direction finding
- Earth (planet)
- Extraterrestrial hydrology
- Meteors
- Phase studies
- Planets
- Solar systems
- Stars
- Sun

Asymmetry 1407

- RT - Distortion (optics)
- Distortion (structural)
- Eccentricity
- Geometric shapes
- Geometry
- Grain shapes
- Shape
- Skewed structures
- Symmetry

ATA

- USE Amnoltrazole

Atherinidae

- USE Silversides

Atlantic menhaden 0603.2

- UF - Brevoortia tyrannus
- BT - Animals
- Aquatic animals
- Aquatic life
- Fish
- Herrings
- Marine animals
- Marine fish
- Saline water fish
- Wildlife

Atlantic salmon 0603.2

- UF - Landlocked salmon
- Salmo salar
- Seago salmon
- BT - Animals
- Aquatic animals
- Aquatic life
- Fish
- Salmon
- Salmonids
- Wildlife
- RT - Freshwater fish
- Marine fish

Atmometers 1402

- BT - Instrumentation
- RT - Evaporation
- Evaporimeters

Atmosphere 1407

- BT - Natural resources
- NT - Troposphere

Upper atmosphere

- RT - Air
- Air circulation
- Air environment
- Air masses
- Air pollution
- Atmospheric pressure
- Auroras
- Cirrus clouds
- Climatic changes
- Climatology
- Cloud physics
- Clouds
- Convection
- Cumulus clouds
- Environments
- Fallout
- Fronts (atmospheric)
- Hydrologic cycle
- Hygrometry
- Liquid water content
- Meteoritic water
- Meteorological data
- Meteorology
- Ozone
- Precipitable water
- Precipitation (atmospheric)
- Radiation
- Storms
- Stratus clouds
- Vapor pressure
- Water vapor

Atmospheric corrosion 1113

- BT - Corrosion
- RT - Corrosion environments
- Underwater corrosion

Atmospheric fallout

- USE Fallout

Atmospheric motion 0402

- RT - Air masses
- Cyclones
- Storms
- Turbulence
- Wind (meteorology)

Atmospheric physics 0401

- BT - Meteorology
- Physics
- NT - Cloud physics
- RT - Air temperature
- Atmospheric pressure
- Atmospheric research
- Auroras

Atmospheric pollution

- USE Air pollution

Atmospheric precipitation

- USE Precipitation (atmospheric)

Atmospheric pressure 0402

- UF - Barometric pressure
- BT - Pressure
- RT - Anticyclones
- Atmosphere
- Atmospheric physics
- Barometers
- Barometric efficiency
- Climatology
- Cyclones
- Elevation
- Hurricanes
- Isobars
- Low pressure
- Meteorology
- Microenvironment
- Negative pressure
- Subatmospheric pressure
- Tornadoes

Atmospheric research 0401

- BT - Research and development
- RT - Atmospheric physics
- Meteorology
- Weather modification

Atmospherics 2014

- BT - Interference
- RT - Radio interference
- Radio waves
- Static electricity

Atmospheric water

- USE Meteoric water

Atolls 0806

- BT - Land forms
- RT - Carbonate rocks
- Coral
- Ecology
- Islands
- Oceans
- Reefs

Atomic blasts

- USE Nuclear explosions

Atomic energy

- USE Nuclear energy

Atomic explosions

- USE Nuclear explosions

Atomic plants

- USE Nuclear powerplants

Atoms 2008

- RT - Chemical elements
- Electrons
- Ions
- Isotopes
- Molecular structure
- Molecular weight
- Molecules
- Neutrons
- Nuclear physics
- Protons

At rest pressure 0813

- BT - Earth pressure
- Pressure
- RT - Active pressure
- Horizontal loads
- Lateral forces
- Load distribution
- Passive pressure
- Retaining walls
- Soil pressure
- Stress distribution

Attached algae

- USE Sessile algae

Attenuation 1407

- RT - Abatement
- Absorption
- Attenuators
- Baffles
- Conduction
- Damping
- Diffraction
- Dispersion
- Electric power losses
- Energy absorption
- Inhibition
- Light waves
- Reduction
- Retarding
- Scattering
- Suppression (electrical)
- Transmission (electrical)
- Transmission loss
- Tuned transmission
- Wave propagation

Attenuators 1407

- RT - Absorbers
- Acoustic insulation
- Attenuation
- Baffle piers
- Baffle plates
- Baffles
- Detectors
- Inhibitors
- Radiation shielding
- Shielding

Atterberg limits 0813

- BT - Soil properties
- NT - Liquid limit
- Plasticity index
- Plastic limits
- RT - Clays
- Consistency
- Index tests
- Moisture content
- Plasticity
- Relative consistency
- Soil plasticity
- Soil tests

Attitudes 0510

- RT - Decision making
- Human behavior

THESAURUS OF WATER RESOURCES TERMS

- Morale
- Motivation
- Orientation
- Psychological aspects
- Psychology
- Social aspects
- Value

Attractants 0606

- NT - Fish attractants
- Insect attractants
- Mammalian attractants
- RT - Animal control
- Baits
- Fish control agents
- Odor
- Pest control
- Pesticides
- Plant growth substances
- Repellents
- Selectivity

Auditing 0501

- RT - Accounting
- Costs

Autwuchs

- USE Periphyton

Auger borings 0813

- BT - Borings
- RT - Augers
- Auger-type footings
- Boring
- Drill holes
- Drilling
- Drilling equipment
- Drills
- Exploration
- Foundation investigations
- Hand augers
- Rotary drilling
- Sampling
- Soil investigations
- Subsurface investigations
- Test holes

Augers 1309

- BT - Drilling equipment
- Drills
- Equipment
- Machine tools
- NT - Hand augers
- RT - Auger borings
- Auger-type footings
- Boreholes
- Boring machines
- Borings
- Drill holes
- Drilling
- Hand tools
- Mobile equipment
- Rotary drilling
- Samplers
- Soil samplers

Auger-type footings 13136

- BT - Footings
- Foundations
- RT - Anchors
- Auger borings
- Augers
- Belled anchors
- Belled footings
- Columns
- Transmission towers
- Uplift footings

Augmentation (flow)

- USE Flow augmentation

Auroras 0401

- RT - Atmosphere
- Atmospheric physics
- Disturbances
- Magnetic fields
- Solar disturbances

Autoclaves 1309

- BT - Containers
- Equipment
- RT - Curing
- Digestion
- Digestion tanks
- Leaching
- Preheating
- Pressure
- Pressure vessels
- Steam curing

THESAURUS OF TERMS

Autoclaves (Con.)

-Vessels

Autogenic succession 0606

BT -Ecosystems
-Succession
RT -Habitats
Vegetation effects

Autogenous healing 1303.1

RT Cast-in-place pipes
Concrete pipes
-Concrete
-Concrete technology
-Cracks
-Leakage
Repairing

Automatic 1407

RT Automatic control
Automation
Remote control

Automatic control 1402

BT -Control
RT Automatic
Automation
Cams
Computer applications
-Computers
-Control equipment
Control systems
-Electronic equipment
Feedback
Float wells
-Flow control
Gate control
Governors
-Instrumentation
Mechanical control
Mechanization
Moisture sensors
-Operations
Power system stability
Process control
-Recording systems
Remote control
Servomechanisms
Supervisory control (power)
Temperature control
-Water management (applied)
-Water resources management

Automatic data processing

USE Data processing

Automation 1308

RT Analog computers
Automatic
Automatic control
-Computers
-Control equipment
Control systems
-Data processing
Data transmission
-Distribution systems
-Equipment
feedback
Hybrid computers
-Instrumentation
Machine translating
Materials control
-Measurement
Mechanization
-Planning
Process control
Remote control
Servomechanisms
Stilling wells
Synoptic analysis

Automobiles 1306

UF Cars (automobiles)
BT -Motor vehicles
RT Conveyances
Garages
Parking areas
-Roads
Tires
Traffic
Trailers
Vehicles
Wrecks

Autotransformers 0905

BT -Electrical equipment
-Power transformers
-Transformers
-Voltage dividers
RT Insulating oil

Transformer oils

Autumn 0402

UF Fall
BT -Seasons
RT Seasonal

Available moisture

USE Moisture availability

Avalanches 0812

UF Snowslides
NT Debris avalanches
RT Colluvium
Disasters
-Earth movements
Earthquake damage
-Floods
-Landslides
Mountains
Rockslides
Rock slope stability
-Safety
-Slope stability
-Snow
Snow management
Snow mechanics
Snowpacks

Avena saliva

USE Oats

Average 1201

UF Mean
Median
RT Annual
Climatic data
Distribution patterns
Hyetographs
Mean diameter
-Measurement
Median diameter
Monthly
-Quality control
Seasonal
Variability
Weather data

Average costs 1401

BT -Costs
RT Average income
Average prices

Average flow 0808

BT -Flow
-Movement
RT Low flow
-Streamflow

Average income 0503

BT -Income
RT Average costs
Average prices

Average prices 0503

BT -Prices
RT Average costs
Average income

Aviation

USE Aeronautics

Avicides 0606

BT -Chemicals
-Pesticides
-Poisons
RT -Animal control
-Birds
Nuisance birds

Avulsion 0504.1

RT Bank erosion
Boundaries (property)
-Floods

Axial compression 2012

BT -Compression
NT Biaxial compression
Triaxial compression
RT -Axial loads
-Axial shear
Axial strain
-Axial stress
Compression curves
-Compression tests
Compressive strength
Compressive stress
Soil compression tests
Unconfined compression

Axial flow 2004

BT -Flow
-Movement
RT -Compressors
Derraz pump turbine
-Fluid flow
-Hydraulic machinery
-Hydraulics
-Pumps
-Rotary pumps
Steam turbines
-Turbines

Axial flow pumps

USE Propeller pumps

Axial flow turbines 1307.1

BT -Equipment
-Hydraulic machinery
-Hydraulic turbines
-Turbines
RT Pelton turbines

Axial loads 2011

BT -Loads (forces)
NT Biaxial loads
Triaxial loads
RT -Axial compression
-Axial shear
Axial strain
-Axial stress
-Axial tension
Dead loads
-Live loads
Total loads
Ultimate loads
Vertical loads
-Weight

Axial shear 2012

BT -Shear
NT Biaxial shear
Triaxial shear
RT -Axial compression
-Axial loads
Axial strain
-Axial stress
-Axial tension
Shear distribution
Shear failure
Shear forces
Shear strength
-Shear tests

Axial strain 2012

BT -Strain
RT -Axial compression
-Axial loads
-Axial shear
-Axial stress
-Axial tension
Modulus of elasticity
Normal strain
-Strain gages
Strain measurement
Strain rate
Stress-strain curves

Axial stress 2012

BT -Stress
NT Biaxial stress
Triaxial stress
RT -Axial compression
-Axial loads
-Axial shear
Axial strain
-Axial tension
Modulus of elasticity
Normal stress
Stress-strain curves
Tensile stress

Axial tension 2012

BT -Tension
NT Biaxial tension
Triaxial tension
RT -Axial loads
-Axial shear
Axial strain
-Axial stress
-Strain
-Stress
-Tensile strength
Tensile stress
Tension tests

Aythya affinis

USE Lesser scaup duck

BACKWATER PROFILES

Aythya americana

USE Redhead duck

Aythya collaris

USE Ring-necked duck

Aythya marila

USE Greater scaup duck

Aythya valisineria

USE Canvasback duck

Azimuth 1407

RT Alignment
Angles (geometry)
Navigation
Orientation
-Plane surveying
Position finding
-Surveying

Azonal 0807

BT -Soil types
NT Alluvium
RT Dunes
Dune sands
-Soil horizons

Azotobacter 0613

BT -Aerobic bacteria
-Bacteria
-Microorganisms
-Nitrogen fixing bacteria
-Plants (botany)
RT -Aquatic bacteria
Nitrogen fixation
-Soil bacteria

B

Backfills 0813

BT -Fills
RT -Earthfill
Earthmoving
-Earthworks
-Excavation
Flexible foundations
-Foundations
Landfills
Overexcavation
Pipe bedding
Pipe cover
Pipe laying
-Placing
-Retaining walls
-Rigid foundations
Rock fills
-Rocks
Rolled fills
-Soils
-Trenches

Background radiation 1711

BT -Radiation
RT Radioactivity
Radioecology
-Radiosotopes
Radiosensitivity

Back pressure 2004

BT -Pressure
RT -Hydraulic gates
-Hydraulic valves

Backwater 09J8

RT Backwater profiles
Converging flow
-Dams
-Floods
Flow profiles
-Reservoirs
Reservoir surveys
Sewers
-Streams
Tributaries
-Water levels
-Water surface profiles

Backwater profiles 0808

BT -Profiles
-Water surface profiles

BACTERIA

Backwater profiles (Con.)

RT Backwater
Control structures
Design flow
Energy gradient
-Flow control
Flow profiles
Hydraulic gradient
Hydraulic jump
Open channel flow
-Reservoirs
-River regulation
-Rivers
Spillway capacity
Spillway design flood
Spillway profiles
-Streamflow
Streamflow regulation
Water surface

Bacteria 0613

BT -Microorganisms
-Parasites
-Plants (botany)
NT Acid bacteria
Actinomyces
-Aerobic bacteria
-Anaerobic bacteria
-Aquatic bacteria
Azotobacter
Beggiatoa
Clostridium
-Coliforms
E. coli
-Enteric bacteria
Ferroplasma
-Iron bacteria
Lactobacillus
Marine bacteria
Methane bacteria
Mycobacterium
Myxobacteria
-Nitrogen fixing bacteria
Pathogenic bacteria
Photosynthetic bacteria
Pseudomonas
Salmonella
Sewage bacteria
Shigella
-Soil bacteria
Sphaerotilus
Streptococcus
-Sulfate reducing bacteria
Thermophilic bacteria
Thiobacillus ferrooxidans
RT -Algae
Aquatic microbiology
-Aquatic microorganisms
Bactericides
Bacteriophage
Bioindicators
Cultures
-Fungi
-Microbiology
-Phytoplankton
-Plant diseases
Spores
Waste stabilization ponds

Bactericides 0606

UF Germicides
BT -Chemicals
-Pesticides
-Poisons
RT Antibiotics (pesticides)
-Bacteria
-Medicine
Wood preservatives (pesticides)

Bacteriophage 0613

BT -Microorganisms
-Viruses
RT -Bacteria
Biocontrol
Water pollution sources

Bacteriophage typing

USE Systematics

Baffle plate 1313.1

BT -Piers
RT Attenuators
Baffles
Bifurcations
-Damping
-Deflectors
Diffusers
-Energy dissipation
-Flow control
-Fluid mechanics

Spillway piers
Sitting basins

Baffle plates 1313.1

BT -Piers
RT Attenuators
Baffles
-Damping
-Deflectors
Diffusers
-Flow control
Flow deflectors
-Fluid mechanics

Baffles 1313.5

RT Attenuation
Attenuators
Baffle piers
Baffle plates
Crude blocks
-Concrete structures
-Damping
Detection
-Detectors
Dentated sills
Diffusers
-Diffusion
Ducts
Energy dissipators
-Flow
-Fluid flow
-Gravity irrigation
Louvers
-Regulation
-Shielding
Sieves
Wave suppressors

Bahagrass 0603.1

UF Paspalum notatum
BT -Agricultural crops
-Crops
-Field crops
-Forage grasses
-Forages
-Grasses
-Monocots
-Plants (botany)

Bailey bridges 1313.5

BT -Bridges (structures)
-Engineering structures
RT Bridge design
Highway bridges
-Structural design
Truss bridges

Bait fishing 0511

BT -Fishing
RT Baits
Cold-water fishing
Commercial fishing
Fishing gear
Fly fishing
-Freshwater fish
Ice fishing
Like fisheries
Minnows
-Pan fish
Reservoir fisheries
Sport fishing
Stream fisheries
Warm-water fishing

Baits 0606

RT -Attractants
Bait fishing
Bait traps
Bloodworms
-Fishing
Fishing gear
Minnows
Selectivity

Bait traps 0606

RT Baits
Trapping

Balance (energy)

USE Energy balance

Balance (water)

USE Water balance

Balance of nature 0606

UF Ecological balance
RT -Biology
Cycling nutrients
-Ecology

Energy balance
-Energy budget
-Environmental effects
Food chains
Food pyramids
Integrated control measures
-Life cycles
Life expectancy
Limiting factors
-Movement
Niches
Persistence
-Pesticides
Pesticide toxicity
-Population
Radioactivity effects
Secondary productivity
Selectivity
-Succession
Trophic level
-Wildlife
-Wildlife conservation

Ballistics 1904

RT Aerodynamics
-Drag
-Dynamics
Gravity
Motion

Ball mills 1309

BT -Grinders
-Industrial plants
-Mills
RT -Cements
Crushing
Grinding
Mineral industry
Ores
Rod mills

Balloons 0103

BT -Instrumentation
RT Weather data
Weather forecasting
Weather patterns

Balsam fir trees 0206 0603.1

UF Abies balsamea
BT -Coniferous trees
-Conifers
-Fir trees
-Gymnosperms
-Plants (botany)
-Trees

Banding

USE Marking techniques

Bank cutting

USE Bank erosion

Bank erosion 0808

UF Bank cutting
BT -Erosion
RT Accretion (legal aspects)
Avulsion
Banks
Bank stability
Bank stabilization
Beaching
Boundaries (property)
Boundary disputes
Canal embankments
Channel erosion
Earth-lined canals
Earth linings
-Lined canals
Revetments
River currents
River training
-Sedimentation
Sediment production
-Slopes
Soil erosion
Stream erosion
Stream valley
Vegetation effects

Bank protection 1302

UF River bank protection
Stream bank protection
RT -Anchors
Banks
Bank stability
Bank stabilization
Burrows
Channel design
Channel protection

THESAURUS OF WATER RESOURCES TERMS

-Erosion control
Gabions
Mattresses
Revetments
Riprap
Roadbanks
Seeding
Shore protection
Slope protection
Soil erosion
Stable channels
Stream channels
-Vegetation establishment
-Warning systems
-Weed control

Banks 1302

RT Bank erosion
Bank protection
Bank stability
Bank storage
Channel beds
Channel erosion
Channel morphology
-Channels
-Embankments
High water mark
Low water mark
Mattresses
Meanders
Overlapping
Phreatic lines
Reels
Pegme
Revetments
Riparian land
Riparian plants
-Riparian rights
Riparian water loss
Riprap
River beds
-Rivers
Roadbanks
-Seepage
Shore protection
-Slopes
-Streambeds
Stream meandering
-Streams
Washouts
Water surface

Bank stability 0813

BT -Stability
RT Aprons
Bank erosion
Bank protection
Banks
Bank stabilization
Burrows
Channel improvements
-Erosion control
Roadbanks
-Slopes
-Slope stability
-Soil properties
-Soils
Soil stability
Soil stabilization
-Stability analysis
Washouts

Bank stabilization 1302

BT -Stabilization
RT Bank erosion
Bank protection
Bank stability
Revetments
Riprap
River training
Roadbanks
Slope stabilization
Soil stabilization
Stream meandering
Stream stabilization
-Vegetation establishment

Bank storage 0808.1

BT -Storage
-Water storage
RT Banks
Base flow
-Floods
-Groundwater
Groundwater flow
Influent streams
Soil water storage
-Streams
Surface-groundwater relationships

THESAURUS OF TERMS

Bank storage (Con.)

- Surface waters
- Water levels
- Water table

Bare bottom stage

- USE Pioneer stage

Barges 1310

- RT Boats
- Canal design
- Locks (waterways)
- Water transportation
- Waterways

Bar graphs 0501

- BT Charts
- RT Arrow diagrams
- Computer programming
- Flow charts

Barium 0702

- BT Alkaline earth metals
- Chemical elements
- Metals
- RT Magnesium

Bark 0603.1

- BT Plant tissues
- Vascular tissues
- RT Fibers (plant)
- Phloem
- Trees
- Wood wastes

Barley 0204

- UF Hordeum vulgare
- BT Agronomic crops
- Cereal crops
- Crops
- Field crops
- Grasses
- Monocots
- Plants (botany)
- RT Grains (crops)

Barometers 1402

- BT Equipment
- Gages
- Instrumentation
- Measuring instruments
- Meteorological instruments
- Pressure gages
- Pressure measuring instruments
- Test equipment
- RT Altimeters
- Atmospheric pressure
- Manometers

Barometric efficiency 0808.1

- BT Efficiencies
- RT Aquifers
- Atmospheric pressure
- Compressibility
- Elasticity (mechanical)
- Water table
- Water wells

Barometric pressure

- USE Atmospheric pressure

Barriers 1313.1

- NT Debris barriers
- Fish barriers
- Groundwater barriers
- Salt water barriers
- Trash racks
- RT Breakwaters
- Check dams
- Check structures
- Closures
- Concrete structures
- Constrictions
- Dams
- Dikes
- Diversion structures
- Earth dams
- Ecological distribution
- Gabions
- Gates
- Impervious blankets
- Impervious linings
- Impervious membranes
- Levees
- Limiting factors
- Locks (waterways)
- Obstruction to flow
- Retaining walls
- Seals (stoppers)
- Sea walls

- Walls

Barriers (debris)

- USE Debris barriers

Barriers (salt water)

- USE Salt water barriers

Barriers (sea water)

- USE Salt water barriers

Barrows goldeneye duck 0603.2

- UF Bucephala islandica
- Goldeneye duck (barrows)
- BT Animals
- Aquatic life
- Birds
- Ducks (wild)
- Migratory birds
- Waterfowl
- Wildlife

Bars 1106

- NT Deformed bars
- RT Cold-rolled steel
- Dowels
- Extrusions
- Mesh reinforcement
- Reinforcement
- Reinforcing steels
- Rods
- Sheet plates
- Steel structures
- Stirrups
- Structural shapes
- Wire

Bars (sand)

- USE Sand bars

Basalt 0807

- BT Basic rocks
- Crystalline rocks
- Igneous rocks
- Rocks
- Volcanic rocks
- RT Andesite
- Diabase
- Gabbro
- Lava
- Rhyolite

Basculer bridges 1313.5

- BT Bridges (structures)
- Engineering structures
- RT Bridge design
- Girders
- Highway bridges
- Railroad bridges
- Structural design

Base courses 1302.4

- RT California bearing ratio
- Construction materials
- Highway engineering
- Highways
- Pavements
- Railroads
- Road construction
- Road design
- Roads
- Runways
- Seal coat
- Selected materials
- Streets
- Subbase
- Subgrade

Base exchange

- USE Cation exchange

Base flow 0808

- UF Base runoff
- BT Flow
- Fluid flow
- Movement
- Porous media flow
- RT Bank storage
- Effluent streams
- Groundwater
- Groundwater flow
- Groundwater movement
- Hydrographs
- Low flow
- Rainfall-runoff relationships
- Runoff
- Surface-groundwater relationships
- Water levels
- Water table

Baselines 0802

- RT Cadastral surveys
- Plane surveying
- Ranges (distance)
- Surveying
- Surveys

Base loads 0903

- RT Electric power
- Peaking capacities
- Peak loads (electric)
- Peak power

Base runoff

- USE Base flow

Bases (chemical)

- USE Alkalies (bases)

Basic research 1406

- BT Research and development
- RT Applied research
- Foreign research
- Investigations
- Sciences
- Technology

Basic rocks 0807

- BT Crystalline rocks
- Igneous rocks
- Rocks
- NT Basalt
- Diabase
- Gabbro
- RT Acidic rocks
- Intermediate rocks
- Plutonic rocks
- Ultrabasic rocks
- Volcanic rocks

Basins 0808

- Use of a more specific term is recommended
- BT Land forms
- NT Closed basins
- Drainage basins
- Lake basins
- Sedimentary basins (geological)
- Settling basins
- Spreading basins
- Stilling basins
- RT Catchments
- Cirques
- Depression
- Groundwater basins
- Lagoons (landforms)
- Pit recharge
- Reservoir sites
- River basins
- Stream valley
- Structural geology
- Tanks (containers)
- Watersheds (basins)

Basin-wide development

- USE River basin development

Bass 0603.2

- UF Largemouth bass
- Micropterus species
- Redeye bass
- Smallmouth bass
- Spotted bass
- Suwannee bass
- BT Animals
- Aquatic animals
- Aquatic life
- Fish
- Freshwater fish
- Pan fish
- Sunfishes
- Wildlife
- RT Roanoke bass
- Rock bass
- Sea basses
- Sport fish
- White bass
- Yellow bass

Batching 1308

- RT Batch processing (data)
- Concrete mixes
- Concrete placing
- Concretes
- Mixing
- Processing

Batch processing (data) 0902

- BT Processing

BEACHES

- RT Application methods

- Batching
- Computation
- Computer programs
- Computers
- Data processing

Bathymetry 0810

- RT Bathymetographs
- Contours
- Deep water
- Depth
- Hydrography
- Lake morphometry
- Measurement
- Navigation
- Sounding
- Surveying
- Surveys

Bathymetographs 0810

- UF RT
- BT Instrumentation
- RT Bathymetry
- Depth
- Water temperature

Batteries (storage)

- USE Electric batteries

Batter piles 1313.6

- BT Piles (foundations)
- RT Bearing piles
- Concrete piles
- Foundations
- Friction piles
- Pile bearing capacities
- Pile driving
- Pile foundations
- Pile groups
- Pile lateral loads
- Pile spacing
- Steel piles
- Wooden piles

Batture

- USE Beds

Bayous 0806

- BT Bodies of water
- Land forms
- RT Deltas
- Lakes
- Streams
- Tributaries

Bays (structural) 1313.5

- RT Bridges (structures)
- Buildings
- Loads (forces)
- Structural design
- Trusses

Bays (topographic features) 0806

- UF Embayments
- BT Bodies of water
- Land forms
- RT Estuaries
- Gulfs
- Inlets (waterways)
- Oceans

Beach erosion 0803

- UF Shore erosion
- BT Erosion
- RT Beaches
- Beaching
- Breakwaters
- Coastal engineering
- Lake shores
- Ocean beaches
- Ocean waves
- Shore protection
- Soil erosion
- Tidal effects
- Wave action
- Wave run-up
- Waves (water)

Beaches 0810

- BT Land forms
- NT Ocean beaches
- RT Beach erosion
- Beaching
- Beach sands
- Bermes
- Coasts
- Deposition
- Dunes

BEACHING

Beaches (Con.)

- Geomorphology
- Intertidal areas
- Islands
- Lagoons (landforms)
- Lake morphology
- Lake shores
- Littoral drift
- Littoral materials
- Littoral zone
- Marine clays
- Recreation
- Recreation facilities
- Regions
- Sand bars
- Sands
- Shores
- Surf
- Terrain
- Wave run-up

Beaching 0803

- RT Bank erosion
- Beach erosion
- Beaches
- Bores (wave)
- Dam facings
- Slope protection
- Slopes
- Wave action
- Wave run-up
- Waves

Beach sands 0807

- BT -Earth materials
- Granular materials
- Materials
- Sands
- Soils
- Soil types
- RT -Beaches
- Dune sands
- Erosion
- Lake shores
- Ocean beaches
- Sand bars

Beams (channel)

- USE Structural shapes

Beams (electron)

- USE Electron beams

Beams (structural) 1313.5

- BT -Structural members
- NT Box beams
- Composite beams
- Continuous beams
- Deep beams
- Hybrid beams
- Web beams
- RT Bending moments
- Bents (structural)
- Columns
- Compression members
- Construction materials
- Engineering structures
- Flexural strength
- Footings
- Foundations
- Frames
- Girders
- Plate girders
- Roof supports
- Spans
- Stirrups
- Structural concrete
- Structural design
- Structural shapes
- Structural steel
- Supports

Beams (web)

- USE Web beams

Beans 0204

- (excludes soybeans)
- UF Phaseolus vulgaris
- BT -Crops
- Dicots
- Field crops
- Horticultural crops
- Legumes
- Plants (botany)
- Vegetable crops
- RT Soybeans

Bearing capacity 0813

- UF Bearing capacity (load)
- Bearing capacity (ultimate)

- NT Pile bearing capacities
- RT Bearing pressure
- Bearing strength
- Bearing values
- Belled footings
- Design strength
- Dynamic stability
- Foundation bearing tests
- Foundation failure
- Foundations
- Loading tests
- Penetration resistance
- Piles (foundations)
- Rock competency
- Rock foundations
- Soil compression tests
- Stability
- Strength of materials
- Test piles
- Trafficability
- Underwater foundations

Bearing capacity (load)

- USE Bearing capacity

Bearing capacity (ultimate)

- USE Bearing capacity

Bearing pads 1313.5

- RT Bearing pressure
- Bearing strength
- Bridges (structures)

Bearing piles 1313.6

- BT -Piles (foundations)
- RT Batter piles
- Bearing pressure
- Bored piles
- Cast-in-place piles
- Concrete piles
- Foundations
- Friction piles
- Pile bearing capacities
- Pile driving
- Pile foundations
- Pile spacing
- Steel piles
- Wooden piles

Bearing pressure 2012

- BT -Pressure
- RT -Bearing capacity
- Bearing pads
- Bearing piles
- Bearings
- Bearing strength
- Bearing values
- Bushings
- Footings
- Foundation bearing tests
- Foundations
- Journal bearings
- Lubrication
- Pressure distribution
- Roller bearings
- Thrust bearings

Bearings 1309

- NT Journal bearings
- Roller bearings
- Thrust bearings
- RT -Alloys
- Bearing pressure
- Bronzes
- Bushings
- Friction
- Housings
- Lubricants
- Lubrication
- Orientation
- Position finding
- Power transmission (mechanical)
- Shafts (machinery)
- Supports
- Tin alloys
- Wheels
- Zinc alloys

Bearing strength 2012

- BT -Mechanical properties
- Strength
- RT -Bearing capacity
- Bearing pads
- Bearing pressure
- California bearing ratio
- Cohesion
- Cohesive strength
- Compressibility
- Compressive strength

- Design strength
- Foundation bearing tests
- Foundation failure
- Physical properties
- Pile bearing capacities
- Rock competency
- Rock foundations
- Shear
- Shear strength
- Soil physical properties
- Stability
- Strength of materials

Bearing values 1313.6

- RT -Bearing capacity
- Bearing pressure
- California bearing ratio
- Flexible foundations
- Foundation bearing tests
- Foundations
- Pile bearing capacities
- Rigid foundations
- Underwater foundations

Beautification 0506

- NT Highway beautification
- RT Aesthetics
- Architects
- Architecture
- Arts
- Building design
- Buildings
- Ground cover
- Landscaping
- Lighting

Beavers 0603.2

- BT -Animals
- Furbearers
- Mammals
- Rodents
- Small animals (mammals)
- Wildlife

Bedding (geology)

- USE Beds (geology)

Bedding materials 1107

- BT -Construction materials
- Materials
- RT Borrow materials
- Concrete-lined canals
- Concrete pipes
- Crushed stone
- Gravel blankets
- Pea gravel
- Pipe bedding
- Pipe cradles
- Pipe laying
- Pipes
- Placing
- Rrap
- Sands
- Selected materials
- Soil cement

Bedding planes

- USE Beds (geology)

Bed load 0808

- BT -Sediment load
- Sediments
- RT Bed ripples
- Critical tractive force
- Deltas
- Reservoir siltation
- Saltation
- Sand waves
- Scour
- Sedimentation
- Sediment deposits
- Sediment samplers
- Sediment transport
- Stable channels
- Streambeds
- Stream erosion
- Streams
- Suspended sediments
- Suspended solids
- Tractive forces
- Turbulence
- Turbulent flow

Bedload movement 0808

- RT Aggradation
- Bed movements
- Bed ripples
- Flooding
- Gradients

- Sediment transport
- Suspended sediments
- Turbidity

Bed movements 0808

- RT Aggradation
- Bedload movement
- Bed ripples
- Channel beds
- Currents (water)
- Gradients
- Sediments
- Sediment transport
- Streambeds
- Stream channels
- Stream meandering
- Stream stabilization
- Suspended sediments
- Velocity

Bed ripples 0808

- RT Bed load
- Bedload movement
- Bed movements
- Bed roughness
- Beds under water
- Channel beds
- Streambed profiles
- Streambeds
- Velocity

Bedrock 0807

- BT -Geologic formations
- In situ rock
- Rocks
- RT -Aquifers
- Beds (geology)
- Bridge foundations
- Exploration
- Foundation rocks
- Foundations
- Geologic control
- Geology
- Groundwater barriers
- Outcrops
- Overburden
- Stratigraphy
- Streambed profiles
- Strip aquifers
- Structural geology

Bed roughness 0808

- BT -Roughness
- RT Bed ripples
- Friction coefficient (hydraulic)
- Roughness (hydraulic)
- Roughness coefficient
- Sediments
- Streambeds

Beds 0808

- (bottom of any body of water)

- UF Baiture
- Submerged lands
- NT Beds under water
- Channel beds
- Dry beds
- Lake beds
- River beds
- Streambeds
- RT Bottom sediment's
- Channel erosion
- Channel morphology
- Channels
- Critical tractive force
- Graded
- Meanders
- Ownership of beds
- Regime
- Riparian water laws
- Roughness (hydraulic)
- Thalweg
- Varves

Beds (geology) 0807

- UF Bedding (geology)
- Bedding planes
- BT -In situ rock
- RT Bedrock
- Consolidation
- Erosion
- Geologic formations
- Geologic investigations
- Geology
- Rocks
- Sedimentary rocks
- Sedimentary structures
- Sediments
- Strata

THESAURUS OF WATER RESOURCES TERMS

THESAURUS OF TERMS

Beds (geology). (Con.)

Stratigraphy
Streambed profiles
Structural geology

Beds under water 0602

BT - Beds
RT - Bed ripples
Lake beds
Ownership of beds
River beds
Streambeds

Beggiatoa 0613

BT - Aerobic bacteria
- Anaerobic bacteria
- Aquatic bacteria
- Aquatic life
- Aquatic microorganisms
- Aquatic plants
- Bacteria
- Microorganisms
- Nannoplankton
- Phytoplankton
- Plankton
- Plants (botany)
- Seston
- Sulfate reducing bacteria
RT - Marine bacteria

Behavior 0510 1407

NT - Animal behavior
Fish behavior
Human behavior
Insect behavior
Social behavior
Structural behavior
Thermodynamic behavior
RT - Competitor
- Ecology
- Environments
- Habitats
- Materials tests
- Performance
- Properties
- Psychology
- Sociology

Behavior (human)

USE Human behavior

Behavior (structural)

USE Structural behavior

Beidellite 0807

BT - Clay minerals
- Minerals
- Montmorillonite
- Silicates
RT - Bentonite

Belled anchors 1313.6

BT - Anchors
RT - Anchored bulkheads
Anchored towers
Auger-type footings
Belled footings
- Footings
- Foundations
Pressed plate footings
Pull-out tests
- Pull tests
Uplift footings
Uplift resistance

Belled footings 1313.6

BT - Footings
- Foundations
RT - Anchored towers
- Anchors
Auger-type footings
- Bearing capacity
Belled anchors
Grillage footings
Pressed plate footings
Pull-out tests
Uplift footings
Uplift resistance

Bellmouths 1313.1 1313.3

BT - Entrances (fluid flow)
RT - Bulkheads
- Closed conduits
Discharge coefficients
Head losses
- Intakes
- Outlet works
Pipe fittings
Pipe joints
Pressure distribution

Rectangular conduits
- Spillways

Bell piers 1313.5

BT - Piers
RT - Bridge piers
- Bridges (structures)
- Carsons
- Footings
- Foundations
Pile foundations
- Piles (foundations)

Belt conveyors 1303

BT - Conveyors
- Equipment
RT - Materials handling equipment
Concrete plants
- Construction equipment
Conveyances
- Earth handling equipment
Materials handling

Benard cells 2013

RT - Convection

Bench leveling 0203.1

BT - Land forming
RT - Irrigation engineering

Bench marks 0802 1302

RT - Elevation
Field control
- Mapping
Monuments
- Plane surveying
Sea level
Second order surveys
- Surveying
- Surveys

Bending 1407

RT - Bending moments
Bending stress
- Bends (hydraulic)
Buckling
Camber
Deflection
- Deformation
Distortion (structural)
Eccentric loading
Flexibility
Flexural strength
- Heaving
- Moments
Sagging
Twisting

Bending moments 2011

BT - Moments
RT - Beams (structural)
Bending
Bending stress
Deflection
Eccentric loading
Flexural strength
- Loads (forces)
Moment distribution
Moments of inertia
Stress analysis
Twisting
Twisting stress

Bending stress 2012

BT - Stress
RT - Bending
Bending moments
Buckling
Eccentric loading
Flexural strength
Stress analysis
Twisting
Twisting stress

Bends (hydraulic) 2004

NT - Pipe bends
RT - Bending
- Canals
- Channels
- Closed conduit flow
Concrete pipes
Hydraulic conduits
- Hydraulic models
- Hydraulic structures
Open channel flow
Penstocks
Shaft spillways
Steel pipes
Tunnel design

Beneficial purpose

USE Reasonable use

Beneficial use 0504.1

RT - Appropriation (water rights)
Consumptive use (water)
Domestic water
Flood plain zoning
Hydraulic mining water
- Industrial water
- Irrigation water
Municipal water
Non-consumptive use
Preferences (water rights)
- Prior appropriation
- Recreation
Stock water

Beneficiation 1308

BT - Separation techniques
NT - Heavy media separation
RT - Aggregates
Concentration
- Extraction
Filtration
- Flotation
Foaming
Froth flotation
Grinding
Leaching
- Minerals
Mining engineering
Ores
- Processing
Purification
Screening
- Separation

Benefit-cost analysis 0503 1314

UF - Cost-benefit analysis
BT - Analysis
- Cost analysis
RT - Annual equivalent benefits
Annual equivalent costs
Benefit-cost ratios
Benefit-cost theory
- Benefits
Construction costs
- Cost allocation
Cost comparisons
Cost repayment
- Costs
Cost sharing
Economic feasibility
- Economics
Engineering economy
Estimated costs
- Feasibility
Feasibility studies
Project benefits
Project feasibility
Project planning

Benefit-cost ratios 0503 1314

UF - Cost-benefit ratios
RT - Annual equivalent benefits
Annual equivalent costs
Benefit-cost analysis
Benefit-cost theory
- Benefits
Construction costs
- Costs
Economic feasibility
Economic justification
- Economics
Engineering economy
Feasibility studies
Project feasibility
Project planning

Benefit-cost theory 0503 1314

UF - Cost-benefit theory
RT - Benefit-cost analysis
Benefit-cost ratios
- Benefits
Construction costs
Cost repayment
- Costs
Engineering economy

Benefits 0501 0503

NT - Annual benefits
Annual equivalent benefits
Comparative benefits
Deferred benefits
Direct benefits
Estimated benefits
Fringe benefits
Implied benefits

Indirect benefits
Included benefits
Intangible benefits
Jagged benefits
Manual benefits
Marginal benefits
Monetary benefits
Non-reimbursable benefits
Project benefits
Public benefits
Real benefits
Tangible benefits
RT - Benefit-cost analysis
Benefit-cost ratios
Benefit-cost theory
Benefit sharing
Compensation
- Conflicts
Discontinuities of scale
Economic efficiency
- Economics
Economies of scale
Engineering economy
In situ analysis
- Income
Labor unions
- Profit
Project planning
- Recreation
Return to scale
Wages

Benefit sharing 0501 0503

RT - Benefits
Intangible benefits
Non-reimbursable benefits
Personnel management

Benthic fauna 0603.2

UF - Bottom fauna
RT - Animals
- Aquatic animals
- Aquatic life
- Benthos
NT - Clams
Desmersal fishes
Mussels
- Oligochaetes
Oysters
Sludge worms
Tubificids
RT - Animal groupings
- Annelids
- Aquatic microorganisms
Bloodworms
Caddisflies
- Diptera
- Marine animals
Mayflies
Ocean bottom
Snails

Benthic flora 0603.1

UF - Bottom flora
BT - Aquatic life
- Aquatic plants
- Benthos
- Plants (botany)
RT - Aquatic algae
- Aquatic microorganisms
Marine algae
- Marine plants
Ocean bottom
Plant groupings

Benthos 0603 0801

UF - Bottom organisms
Epibenthic biota
Macrobenthos
BT - Aquatic life
NT - Benthic fauna
Benthic flora
Clams
Desmersal fishes
Mussels
- Oligochaetes
Oysters
Sludge worms
Tubificids
RT - Animals
- Aquatic algae
- Aquatic animals
- Aquatic microorganisms
Aquatic productivity
Biota
Littoral zone
Marine algae
- Marine animals
- Marine plants

BENTONITE

Benthos (Con.)

- Great bottom
- Plants (botany)
- Underwater

Bentonite 0807

- BT -Clay minerals
- Clays
- Earth materials
- Expansive clays
- Expansive soils
- Fine-grained soils
- Materials
- Silicates
- Soils
- Soil types

RT

- Bedellite
- Drilling fluids
- Montmorillonite
- Surfines

Bents (structural) 13135

- RT -Beams (structural)
- Buildings
- Columns
- Compression members
- Frames
- Girders
- Skewed structures
- Structural design
- Trusses
- Trusses
- Wind bracing
- Wooden trusses

Benzene 0703

- BT -Aromatic compounds
- Chemical compounds
- Hydrocarbons
- Organic compounds
- RT -Aromatic solvents

Berms 0806

- RT -Beaches
- Dam design
- Embankments
- Geomorphology
- Highways
- Roads
- Slopes
- Terraces (geological)
- Waves (water)

Bermudagrass 0603.1

- UF -Cynodon dactylon
- BT -Grasses
- Monocots
- Plants (botany)
- RT -Forage grasses
- Turf grasses
- Weeds

Bernoulli equation

- USE Energy equation

Beta particles 2008

- UF -Beta radiation
- Radiation (beta)
- BT -Radiation
- Transport phenomena
- RT -Cosmic rays
- Electron beams
- Electrons
- Neutrons
- Radioactive decay
- Radioactivity
- Radioisotopes

Beta radiation

- USE Beta particles

Beta saccharitera

- USE Sugar beets

Betula species

- USE Birch trees

B horizon 0807

- BT -Soil horizons
- RT -A horizon
- C horizon
- Land classification
- Soil profiles

Biaxial compression 2012

- BT -Axial compression
- Compression
- RT -Biaxial loads
- Biaxial stress
- Compression tests

- Compressive strength
- Compressive stress
- Soil compression tests
- Triaxial compression

Biaxial loads . 211

- BT -Axial load
- Loads (forces)
- RT -Biaxial compression
- Biaxial shear
- Biaxial stress
- Biaxial tension
- Total loads
- Triaxial loads

Biaxial shear 2012

- BT -Axial shear
- Shear
- RT -Biaxial loads
- Biaxial stress
- Shear distribution
- Shear forces
- Shear strength
- Shear tests
- Triaxial shear

Biaxial stress 2012

- BT -Axial stress
- Stress
- RT -Biaxial compression
- Biaxial loads
- Biaxial shear
- Biaxial tension
- Normal stress
- Triaxial stress

Biaxial tension 2012

- BT -Axial tension
- Tension
- RT -Biaxial loads
- Biaxial stress
- Tensile strength
- Triaxial tension

Bibliographies 0502

- RT -Abstracts
- Documentation
- Editing
- Indexes (documentation)
- Information retrieval
- Libraries
- Publications
- Reviews
- Technical papers
- Technical writing

Bicarbonates 0702

- BT -Chemical compounds
- Chemicals
- RT -Alkalis (bases)
- Carbonates

Bids 0501

- BT -Contract administration
- RT -Competitive bidding
- Contracting
- Contracts
- Cost analysis
- Costs
- Engineers estimates
- Grants
- Negotiations
- Purchasing
- Unit costs

Bifurcations 1311.1 1313.3

- BT -Branches
- RT -Baffle piers
- Canals
- Hydraulic structures
- Junctions
- Penstocks
- Pipelines
- Small structures
- Tribulations
- Wye branches

Big game 0603.2

- BT -Animals
- Mammals
- Wildlife
- NT -Deer
- Peccary
- RT -Fish and wildlife
- Hunting

Binary systems (digital)

- USE Digital systems

Binders 1107

- RT -Adhesives
- Admixtures
- Bituminous concretes
- Clays
- Cohesion
- Construction materials
- Earth-lined canals
- Earth linings
- Paving
- Resins
- Sealants
- Sealing compounds

Bins 1304

- BT -Containers
- RT -Cellular structures
- Cribbing
- External friction
- Hoppers
- Retaining walls
- Silos
- Storage
- Vessels
- Walls

Bioassay 0601

- BT -Analytical techniques
- Assay
- RT -Bioreactors
- Biology
- Chemical analysis
- Laboratory animals
- Pesticide residues
- Pollutant identification
- Soil analysis
- Toxicity
- Water analysis
- Water pollution sources

Biochemical oxygen demand

- 0603.1 1302.1
- UF -Biological oxygen demand
- B.O.D.
- BT -Oxygen demand
- RT -Anaerobic processes
- Biological properties
- Chemical oxygen demand
- Chlorination
- Dissolved oxygen
- Indicators
- Metabolism
- Organic matter
- Oxygen
- Oxygen sag
- Self-purification
- Stream pollution
- Waste assimilative capacity
- Water analysis
- Water pollution
- Water properties
- Water quality

Biochemistry 0601

- UF -Physicochemistry
- RT -Animal physiology
- Biological properties
- Biology
- Bioluminescence
- Carbohydrates
- Carbon cycle
- Chemical properties
- Chemistry
- Energy conversion
- Enzymes
- Inhibitors
- Metabolism
- Photoactivation
- Photosynthesis
- Pigments
- Plant growth regulators
- Plant growth substances
- Plant physiology
- Proteins
- Vitamins

Biocontrol 0606

- UF -Biological control
- BT -Control
- RT -Application methods
- Bacteriophage
- Biological treatment
- Biology
- Insect control
- Integrated control measures
- Parasitism
- Pest control
- Physical control
- Plant growth substances

THESAURUS OF WATER RESOURCES TERMS

- Viruses

Biodegradation 1113

- UF -Biological degradation
- BT -Decomposition
- Degradation
- Degradation (decomposition)
- NT -Anaerobic digestion
- Sludge digestion
- RT -Activated sludge
- Anaerobic bacteria
- Anaerobic conditions
- Anaerobic processes
- Aquatic microbiology
- Biological treatment
- Biology
- Chemical degradation
- Chemical reactions
- Digestion
- Disposal
- Linear alkylate sulfonates
- Liquid wastes
- Mode of action
- Oxidation lagoons
- Sewage sludge
- Sewage treatment
- Sludge treatment
- Soil disposal fields
- Soil microbiology
- Solid wastes
- Treatment
- Waste assimilative capacity
- Water pollution treatment

Bio-energetics

- USE Energy budget

Biogeography 0806

- BT -Geography
- RT -Biomes
- Ecological distribution

Biographies 0502

- RT -History
- Publications

Bioindicators 0601

- UF -Indicator bacteria
- BT -Indicators
- RT -Analytical techniques
- Bacteria
- Bioassay
- Biology
- Mayflies
- Pesticide residues
- Phytotoxicity
- Soil analysis
- Water analysis
- Water quality

Biological communities 0606

- UF -Communities (biological)
- Synecology
- NT -Dominant organisms
- Ecotypes
- RT -Biology
- Ecological distribution
- Ecosystems
- Environmental gradient
- Food chains
- Habitats
- Limnology
- Niches
- Succession
- Zoology

Biological control

- USE Biocontrol

Biological degradation

- USE Biodegradation

Biological membranes 0616

- BT -Membranes
- RT -Absorption
- Biology
- Filters
- Ion exchange
- Ion transport

Biological oxygen demand

- USE Biochemical oxygen demand

Biological properties 0603

- BT -Properties
- NT -Bioluminescence
- Cold resistance
- Heat resistance (biological)
- RT -Biochemical oxygen demand

THESAURUS OF TERMS

Biological properties (Con.)

Biochemistry
-Biology
-Chemical properties
Color
Eutrophication
-Fluorescence
Forage palatability
-Limnology
Microenvironment
Odor
-Organoleptic properties
Physicochemical properties
-Resistance
-Soil properties
Soil stability
Taste
Waste identification
Water properties

Biological treatment 0602

BT - Treatment
RT Activated sludge
Biocontrol
-Biodegradation
-Biology
-Sewage treatment
Sludge treatment
-Water purification

Biological uptake

USE Absorption

Biological warfare 1502

UF Warfare (biological)
RT -Biology
-Diseases
Military aspects
Water pollution sources

Biology 0603

Use of a more specific term is recommended

BT - Sciences
NT Biophysics
Zoology
RT -Animal behavior
-Animal groupings
-Animal physiology
-Animals
-Aquatic environment
Balance of nature
Bioassay
Biochemistry
Biocontrol
-Biodegradation
Bioindicators
-Biological communities
Biological membranes
-Biological properties
Biological treatment
Biological warfare
Biomass
-Biomes
Biorhythms
Biota
Biobionics
-Birds
-Breeding
-Digestion
-Diseases
-Ecology
-Environmental effects
-Environments
-Fish
Fish and wildlife
Food and cover crops
Food chains
Food webs
-Genetics
-Grasses
-Habitats
-Limnology
Medicine
-Metabolism
-Microbiology
-Microorganisms
-Morphology
-Pathology
-Pigments
Plant groupings
-Plant growth
Planting management
Plant morphology
Plant physiology
-Plants (botany)
-Plant tissues
Pollen
-Population
-Productivity

Radioecology
-Reproduction (biology)
Seeds
Sexual maturity
-Soils
Soil-water-plant relationships
-Succession
-Trees
-Tropisms
-Viruses
-Wildlife

Bioluminescence 0601

BT -Biological properties
-Luminescence
RT -Animal physiology
Biochemistry
Energy conversion
-Fluorescence
-Pigments
Plant physiology

Biomass 0603

RT Annual turnover
-Aquatic habitats
-Biology
Harvesting of algae
Number fish per acre
-Plankton
Pounds fish per acre
-Productivity
Standing crop

Biomes 0606

NT Coniferous forests
Deciduous forests
Deserts
-Grasslands
Pasture
Rain forests
Tundra
RT Biogeography
-Biology
-Climate
-Ecology
Environmental gradient
-Habitats
-Limnology
Zoology

Bionomics

USE Ecology

Biophysics 0603

BT -Biology
-Sciences
RT -Physics

Biorhythms 0603

UF Biotic cycles
BT -Ecosystems
RT -Animal behavior
Annual
-Biology
-Cycles
Diel migration
Diurnal
Diurnal distribution
Diurnal variations
-Ecology
-Life cycles
Life expectancy
Life history studies
Monthly
Nocturnal
Period of growth
Phenology
Photoactivation
Photoperiodism
Seasonal
Stomata
Temporal distribution
Thermoperiodism

Biota 0603

Use of a more specific term is recommended

RT -Animals
-Aquatic life
-Benthos
-Biology
Dominant organisms
-Ecotypes
-Microorganisms
-Plankton
-Plants (botany)
-Seston

Biotic cycles

USE Biorhythms

Biotrons 0606

UF Phytotrons
BT -Buildings
-Engineering structures
-Structures
RT -Biology
-Environments

Birch trees 0603.1

UF Betula species
BT -Crops
-Deciduous trees
-Dicots
-Horticultural crops
-Plants (botany)
-Trees

Bird eggs 0603.2

BT -Eggs
-Growth stages
RT Broods
Clutch (biology)
Hatching
Nests

Birds 0603.2

Use of a more specific term is recommended

BT -Animals
NT American widgeon
Barrow's goldeneye duck
Black brant
Black duck
Blue goose
Blue-winged teal
Brant
Bufflehead duck
Canada goose
Canvasback duck
Coastal diving ducks
Common eider duck
Common goldeneye duck
Common merganser duck
Common teal
-Ducks (wild)
Emperor goose
European widgeon
Fulvous tree duck
Gadwall duck
Game birds
-Geese (wild)
Greater scaup duck
Green-winged teal
Gulls
Lesser scaup duck
Mallard duck
Mexican duck
-Migratory birds
Mottled ducks
Mute swan
-Non-game birds
Non-migratory birds
Nuisance birds
Oldsquaw duck
Pintail ducks
Poultry
Puddleducks
Redhead duck
Ring-necked duck
Ruddy duck
Shore birds
Shoveler duck
Snow goose
Song birds
Stellers eider duck
-Swans
Trumpeter swan
Wading birds
-Water birds
-Waterfowl
Whistling swan
White-fronted goose
White-winged scoter
Wood duck
RT Animal groupings
Aves
-Biology
Bird types
Broods
Clutch (biology)
Down (bird)
-Migration
Nests
-Predation
Preservation
-Wildlife

BITUMINOUS MATERIALS

Bird types 0603.2

Use of a more specific term is recommended

RT -Animals
-Birds
Coastal diving ducks
-Ducks (wild)
Game birds
-Migratory birds
Non-game birds
Non-migratory birds
Nuisance birds
Poultry
Puddleducks
Shore birds
Song birds
Wading birds
-Water birds
-Waterfowl

Bitumens 1107

BT -Hydrocarbons
-Organic compounds
NT -Asphalt cement
-Asphalts
-Bituminous cements
-Bituminous materials
Coal tar
Cutback asphalts
Naphtha
Petroleum
RT -Asphalt emulsions
Asphalt membranes
Bituminous concretes
-Coal
Mastics
-Oils
Oil shale
Pitch (materials)
-Resins

Bituminous cements 1303

BT -Bitumens
-Bituminous materials
-Cements
-Hydrocarbons
NT -Asphalt cement
Catalytically blown asphalt
Cutback asphalts
RT -Asphalt emulsions
Asphalt membranes
-Asphalts
Bituminous concretes
Buried membranes
Canal linings
-Linings
Mastics
-Pavements
Paving
-Roads
Roofing materials

Bituminous coal

USE Coal

Bituminous concretes 1303

UF Asphaltic concretes
BT -Bituminous materials
-Concretes
-Construction materials
-Hydrocarbons
RT -Aggregates
-Asphalt cement
Asphalt membranes
Asphalt plants
-Asphalts
Binders
-Bitumens
-Bituminous cements
Canal linings
Catalytically blown asphalt
Cationic asphalt emulsions
Cutback asphalts
-Linings
-Pavements
Paving
Road construction
-Roads

Bituminous materials 1107 1303

BT -Bitumens
-Hydrocarbons
-Organic compounds
NT -Asphalt cement
-Asphalts
-Bituminous cements
Bituminous concretes
Catalytically blown asphalt
Coal tar

BLACK BRANT

Bituminous materials (Con.)

- Cutback asphalts
- RT -Asphalt emulsions
- Asphalt membranes
- Asphalt plants
- Building materials
- Cationic asphalt emulsions
- Coal tar coating
- Fossil fuels
- Oil shale
- Pitch (materials)
- Resins

Black brant 0603.2

- UF Branta nigricans
- BT -Animals
- Aquatic life
- Birds
- Geese (wild)
- Migratory birds
- Waterfowl
- Wildlife

Black duck 0603.2

- UF Anas rubripes
- BT -Animals
- Aquatic life
- Birds
- Ducks (wild)
- Migratory birds
- Waterfowl
- Wildlife

Black grama

- USE Grama grasses

Black locust trees 0603.1

- UF Robinia pseudoacacia
- BT -Crops
- Deciduous trees
- Dicots
- Horticultural crops
- Plants (botany)
- Trees

Blades 1309

- RT Fans
- Fans
- Hydraulic machinery
- Hydraulic turbines
- Mixers
- Propellers
- Pumps
- Pump turbines
- Rotors
- Stators
- Turbine blades
- Turbines
- Vaness
- Water wheels

Blanket grouting 1313.1 1313.6

- BT -Grouting
- RT -Blankets
- Cutoffs
- Foundations
- Grout curtains
- Grouting pressure
- Grout lake
- Seepage control
- Soil stabilization

Blankets 1313.1

- NT Gravel blankets
- Impervious blankets
- Pervious blankets
- Rock blankets
- RT Blanket grouting
- Earth linings
- Erosion control
- Filters
- Flexible linings
- Impervious linings
- Placing
- Riprap
- Seepage control

Blast furnaces 1106

- BT -Furnaces
- RT Metallurgy
- Metals
- Steel
- Steel industries

Blasting 1315

- NT Presplit blasting
- Smooth wall blasting
- RT Abrasive blasting
- Charges (explosives)
- Cratering

- Craters
- Detonation
- Drilling
- Excavation
- Explosions
- Explosive construction
- Explosive excavation
- Explosives
- Fuses (explosions)
- Mining
- Muck
- Nuclear excavation
- Nuclear explosions
- Overbreak
- Percussion drilling
- Quarries
- Quarrying
- Rapid excavation
- Rock breakage
- Rock excavation
- Rock foundations
- Rock mechanics
- Trenches
- Tunnel construction
- Tunneling
- Underground explosions
- Underwater explosions

Blasting (sand)

- USE Abrasive blasting

Blasting fuses

- USE Fuses (explosions)

Blasts 1904

- NT Nuclear explosions
- Underground explosions
- Underwater explosions
- RT Charges (explosives)
- Demolition
- Detonation
- Explosions
- Explosive construction
- Explosive excavation
- Explosives
- Impact loads
- Nitroglycerin
- Nuclear excavation
- Overpressure
- Presplit blasting
- Quarrying
- Rock foundations
- Safety
- Shear waves
- Shock (mechanics)
- Shock tests
- Shock waves
- Smooth wall blasting
- Stress waves

Blasts (atomic)

- USE Nuclear explosions

Blasts (nuclear)

- USE Nuclear explosions

Bleeding (concrete) 1303.1

- RT Air entrainment
- Concretes
- Concrete technology
- Curing
- Laitance

Blights 0603.1

- BT -Diseases
- Plant diseases
- RT Epiphytology

Blindcats

- USE Catfishes

Blistering 1103

- RT -Bubbles
- Defects
- Finishes
- Painting
- Protective coatings
- Scaling

Blizzards 0402

- BT -Storms
- RT Anticyclones
- Gusts
- Snow
- Snow removal
- Snowstorms
- Wind (meteorology)

Bloodworms 0603.2

- BT -Animals
- Invertebrates
- RT -Annelids
- Baits
- Benthic fauna
- Diptera
- Secondary productivity
- Worms

Blotches 0603

- BT -Diseases
- Plant diseases
- RT Epiphytology

Blowers 1309

- RT Conveyances
- Cooling systems
- Fans
- Impellers
- Materials handling
- Nozzles
- Ventilation
- Wind tunnels

Blowoff structures 1313.3

- BT -Engineering structures
- Hydraulic structures
- Structures
- RT -Drains
- Pipelines

Blowouts 1313.1

- RT Dam failure
- Erosion
- Floods
- Relief well
- Sand boils
- Wind erosion

Blueberries 0204

- UF Vaccinium species
- BT -Crops
- Dicots
- Fruit crops
- Horticultural crops
- Plants (botany)
- Shrubs
- Stone fruits

Blue catfish

- USE Catfishes

Bluegills

- USE Sunfishes

Blue goose 0603.2

- UF Chen caerulescens
- BT -Animals
- Aquatic life
- Birds
- Geese (wild)
- Migratory birds
- Waterfowl
- Wildlife

Bluegrasses 0603.1

- BT -Crops
- Grasses
- Monocots
- Plants (botany)
- NT Kentucky bluegrass
- Perennial bluegrass
- RT -Monocot crops
- Ornamental grasses
- Hay
- Turf grasses

Blue-green algae

- USE Cyanophyta

Blue-joint grass

- USE Wheatgrasses

Blue-winged teal 0603.2

- UF Aras disorg
- Teal (blue-winged)
- BT -Animals
- Aquatic life
- Birds
- Ducks (wild)
- Migratory birds
- Waterfowl
- Wildlife

Boating 0511

- UF Canoeing
- Sailing
- BT -Recreation

THESAURUS OF WATER RESOURCES TERMS

- Water sports
- RT -Boats
- Project benefits

Boating regulations 0504

- BT -Regulations

Boat-launching ramps 1313.5

- RT -Boats
- Engineering structures
- Recreation facilities

Boats 1310

- UF Air boats
- Canoes
- Rowboats
- NT Catamarans
- RT Barges
- Boating
- Boat-launching ramps
- Hydrofoils
- Motors
- Naval architecture
- Pontoons
- Ships
- Transportation
- Vehicles

BOD

- USE Biochemical oxygen demand

Bodies of water 0808

- UF Water bodies
- NT Acid streams
- Alberbays
- Alluvial streams
- Bayous
- Bays (topographic features)
- Detention reservoirs
- Effluent streams
- EpheMERAL streams
- Equalizing reservoirs
- Estuaries
- Evaporation reservoirs
- Farm ponds
- Forebays
- Great ponds
- Gulfs
- Iced lakes
- Impoundments
- Influent streams
- Inland waterways
- Inlets (waterways)
- Intermittent streams
- Interstate rivers
- Lakes
- Multiple purpose reservoirs
- Navigable waters
- Non-navigable waters
- Non-perennial streams
- Oceans
- Oxidation lagoons
- Perennial streams
- Playa lakes
- Ponds
- Reservoirs
- Rivers
- Running waters
- Sagponds
- Saline lakes
- Springs (water)
- Standing waters
- Stock ponds
- Streams
- Strip mine lakes
- Surface waters
- Thermal springs
- Tributaries
- Underground streams
- Warm springs
- Waste stabilization ponds
- Wild rivers
- RT -Aquatic environment
- Aquatic habitats
- Aquifers
- Deep water
- Equalizing reservoirs
- Harbors
- Marshes
- Navigable rivers
- Shallow water
- Swamps
- Swimming pools
- Tidal marshes
- Underground streams
- Water
- Water sources
- Water surface
- Water types

THESAURUS OF TERMS

Bodies of water (Con.)

- Water wells
- Wetlands

Bogs 0806

- BT -Land forms
- NT Peat bog
- RT Fen
 - Humus
 - Lakes
 - Marshes
 - Muskeg
 - Peat
 - Swamps
 - Waterlogged land

Boiler feed water 1301

- BT -Feed water
 - Industrial water
 - Water
- RT Boilers
 - Electrolytes
 - Heated water
 - Pre-treatment (water)
 - Water quality

Boilers 1301

- BT -Equipment
- RT Boiler feed water
 - Chimneys
 - Electric powerplants
 - Furnaces
 - Generators
 - Heat balance
 - Heated water
 - Heaters
 - Heat exchangers
 - Heating plants
 - Pressure vessels
 - Steam
 - Steam turbines
 - Thermal power

Boiling 0704

- BT -Evaporation
- RT -Bubbles
 - Effervescence
 - Evaporation
 - Heating
 - Preheating
 - Processing
 - Thermal properties
 - Volatility

Boils (frost)

- USE Frost action

Boils (sand)

- USE Sand boils

Bolted joints 1305

- BT -Joints (connections)
- RT -Bolts
 - Building codes
 - Bull joints
 - Lap joints
 - Pipe joints
 - Riveted joints
 - Steel plates
 - Steel structures

Bolts 1305

- BT -Fasteners
 - Mechanical fasteners
- NT Anchor bolts
 - Rock bolts
 - Rood bolts
- RT -Anchors
 - Bolted joints
 - Bull joints
 - Construction materials
 - Couplings
 - Flanges
 - Joints (connections)
 - Plate girders
 - Screws
 - Studs
 - Wrenches

Bonding 1308

- (excludes chemical bonds)

- RT Adhesion
 - Adhesives
 - Bonding strength
 - Bond tests
 - Cements
 - Cohesion
 - Cohesive strength
 - Concretes
 - Deformed bars

- High-bond reinforcing bars
- Joints (connections)
- Laminates
- Pipe wrappings
- Sealants
- Seal coat
- Surface properties
- Welding

Bonding strength 2012

- BT -Mechanical properties
- RT Adhesion
 - Adhesives
 - Bonding
 - Bond tests
 - Cohesion
 - High-bond reinforcing bars
 - Pull-out tests
 - Reinforced concrete
 - Strength of materials

Bond tests 1402

- BT -Tests
- RT Bonding
 - Bonding strength
 - High-bond reinforcing bars
 - Pull-out tests
 - Test machines

Border irrigation 0203 1

- BT -Distribution systems
 - Furrow irrigation
 - Gravily irrigation
 - Irrigation
 - Irrigation systems
 - Surface irrigation
- RT Edge effect
 - Flood irrigation
 - Furrows

Bored piles 1313 6

- BT -Piles (foundations)
- RT Bearing piles
 - Cast-in-place piles
 - Concrete piles
 - Foundations
 - Pile driving
 - Pile foundations
 - Pile groups

Borehole cameras 1405

- BT -Cameras
 - Instrumentation
 - Optical instruments
 - Photographic equipment
 - Recording systems
- NT Drill hole TV cameras
- RT Boreholes
 - Drill holes
 - Exploration
 - Foundation investigations
 - Geologic investigations
 - Inspection
 - Logging (recording)
 - Soil investigations
 - Subsurface investigations

Borehole geophysics 0807

- BT -Geophysics
- RT Boreholes
 - Drill holes
 - Electrical resistivity
 - Exploration
 - Geophysical logging
 - Geophysical prospecting
 - Geothermal prospecting
 - Geothermal studies
 - Logging (recording)
 - Radioactivity
 - Subsurface investigations
 - Well logging

Boreholes 1302

- RT -Augers
 - Borehole cameras
 - Borehole geophysics
 - Boring
 - Boring machines
 - Calyx drills
 - Cavities
 - Core drilling
 - Cores
 - Drill holes
 - Drill hole TV cameras
 - Drilling
 - Electrical well logging
 - Exploration
 - Foundation investigations

- Geophysics
- Geothermal prospecting
- Groundwater geology
- Logging (recording)
- Logs
- Rotary drilling
- Test holes
- Test pits
- Wells

Borers (marine)

- USE Marine borers

Bores (wave) 0803

- BT -Mechanical waves
 - Waves
 - Waves (water)
- RT Brachling
 - Cavities
 - Hydraulic transients
 - Overflow
 - Standing waves
 - Surges
 - Surge waves
 - Tidal effects
 - Tsunamis
 - Wave action

Boring 1315

- RT Auger borings
 - Boreholes
 - Core drilling
 - Cutting
 - Drill holes
 - Drilling
 - Penetration
 - Rotary drilling
 - Tunneling

Boring machines 1309

- BT -Machine tools
- RT -Augers
 - Boreholes
 - Drilling equipment
 - Jacking
 - Lathes
 - Milling machines
 - Reamers
 - Rotary drilling
 - Tunnel construction
 - Tunneling
 - Tunneling machines

Borings 1107

- NT Auger borings
- RT -Augers
 - Calyx drills
 - Cores
 - Hand augers
 - Percussion drilling
 - Samplers
 - Samples
 - Sampling
 - Sounding
 - Test holes
 - Wastes

Boron 0702

- BT -Chemical elements
- RT Boron compounds

Boron compounds 0702 0703

- BT -Chemical compounds
- RT Boron
 - Salts

Borrow areas 1303 1315

- NT Borrow pits
- RT Borrow materials
 - Construction materials
 - Dredging
 - Earth dams
 - Earth materials
 - Earthmoving
 - Earthworks
 - Embankments
 - Excavation
 - Fills
 - Overhaul
 - Pits
 - Quarries
 - Selected materials
 - Soil investigations
 - Stripping
 - Test pits

Borrow materials 1303

- BT -Construction materials
- Materials

BOULE FLOTATION

- RT Bedding materials
 - Borrow areas
 - Borrow pits
 - Canals
 - Earth dams
 - Earth materials
 - Earthworks
 - Embankments
 - Fills
 - Overhaul
 - Pipe bedding
 - Pit run materials
 - Roads
 - Sand pits
 - Selected materials
 - Soil investigations
 - Soils

Borrow pits 1303 1315

- BT -Borrow areas
- RT Borrow materials
 - Dikes
 - Earth dams
 - Earth materials
 - Earthmoving
 - Earthworks
 - Embankments
 - Excavation
 - Fills
 - Gravel pits
 - Levees
 - Overhaul
 - Quarries
 - Roads
 - Sand pits
 - Selected materials

Bottom fauna

- USE Benthic fauna

Bottom fish 0603 2

- BT -Animals
 - Aquatic animals
 - Aquatic life
 - Fish
 - Wildlife
- RT Animal groupings
 - Fish types

Bottom flora

- USE Benthic flora

Bottom organisms

- USE Benthos

Bottom-reflected light 2006

- BT -Electromagnetic waves
 - Light
 - Radiation
- RT Ambient light
 - Light penetration

Bottom sediments 0808

- BT -Sediments
- RT -Beds
 - Clays
 - Deposition
 - Mud
 - Silt

Botulism 0620

- BT -Diseases
 - Human diseases
- RT Clostridium
 - Environmental sanitation
 - Microbiology
 - Public health

Boulders 0807

- BT -Construction materials
 - Earth materials
 - Materials
 - Rocks
- RT Cobbles
 - Cohesionless soils
 - Crushed stone
 - Dam facings
 - Glacial deposits
 - Gravels
 - Monoliths
 - Particle size
 - Stones

Boulders (glacial)

- USE Glacial deposits

Boule flotation 2004

- BT -Flotation

BOUNDARIES (PROPERTY)

Boule flotation (Con.)

- RT Air-water interfaces
- Desalination

Boundaries (property) 0504.1

- UF Ad medium filum aquae
- Metes and bounds
- Property boundaries
- RT Accretion (legal aspects)
- Avulsion
- Bank erosion
- Boundary disputes
- Cadastral surveys
- Fences
- High water mark
- Islands
- Lakes
- Land acquisition
- Legal aspects
- Litigation
- Low water mark
- Navigable rivers
- Ownership of beds
- Plane surveying
- Ponds
- Right-of-way
- Shores
- Streams

Boundaries (surfaces) 1407

- NT Air-earth interfaces
- Air-water interfaces
- Earth-water interfaces
- Free surfaces
- Fronts (atmospheric)
- Ice-water interfaces
- Interfaces
- Liquid-gas interfaces
- Liquid-vapor interfaces
- Mud-water interfaces
- Oil-water interfaces
- Rigid boundaries
- Saline water-freshwater interfaces
- Sediment-water interfaces
- RT Aquifer characteristics
- Boundary layer
- Boundary processes
- Flow nets
- Flow resistance
- Flow separation
- Junctions
- Pressure drag
- Prolites
- Sea level
- Shear
- Shear drag
- Soil resistivity
- Surfaces

Boundary conditions 2004

- RT -Calculus
- Discontinuities
- Fluid flow
- Fluid mechanics
- Hydraulics
- Rigid boundaries

Boundary disputes 0504.1

- RT Bank erosion
- Boundaries (property)
- Cadastral surveys
- Legal aspects
- Litigation
- Water law
- Water rights

Boundary layer 2004

- UF Boundary layer theory
- NT Laminar boundary layers
- Turbulent boundary layers
- RT Adsorbed water
- Boundaries (surfaces)
- Boundary shear
- Critical tractive force
- Drag
- Films
- Fluid flow
- Friction coefficient (hydraulic)
- Moody resistance diagrams
- Polarization
- Reynolds number
- Rigid boundaries
- Skin friction

Boundary layer theory

- USE Boundary layer

Boundary processes 2004

- RT Air-earth interfaces
- Air-water interfaces

- Boundaries (surfaces)
- Convection
- Earth-water interfaces
- Energy transfer
- Evaporation
- Fronts (atmospheric)
- Hydraulics
- Interfaces
- Mass transfer
- Microenvironment
- Shear drag

Boundary shear 2004

- BT -Shear
- RT -Boundary layer
- Critical tractive force
- Flow distribution
- Fluid friction
- Fluid mechanics
- Friction coefficient (hydraulic)
- Hydraulics
- Laminar boundary layers
- Reynolds number
- Rigid boundaries
- Skin friction
- Tractive forces
- Turbulent boundary layers
- Turbulent flow

Boundary values 1201

- RT -Calculus
- Differential equations
- Envelopes
- Fourier analysis
- Integrals

Bound water 0608.1

- UF Unfree water
- BT -Water types
- RT -Adsorption
- Hygroscopic water

Bouteloua species

- USE Grama grasses

Bouyoucos blocks 0808.1

- UF Gypsum moisture blocks
- Moisture blocks (soil)
- BT -Instrumentation
- RT -Moisture content
- Soil moisture
- Soil moisture meters

Box beams 1313.5

- BT -Beams (structural)
- Structural members
- RT Continuous beams
- Deep beams
- Girders
- Structural design
- Structural shapes

Boxes

- USE Containers

Boxes (weir)

- USE Weir ponds

Bracing 1313.5

- NT Wind bracing
- RT Compression members
- Fasteners
- Frames
- Reinforcement
- Ribs
- Rigid frames
- Root supports
- Shoring
- Stiffeners
- Stiffening
- Straps
- Structural stability
- Struts
- Supports
- Trestles
- Trusses
- Tunnel linings
- Tunnel supports
- Wooden trestles

Brackish water 0808

- BT -Saline water
- Water
- RT -Demineralization
- Groundwater
- Groundwater quality
- Impaired water quality
- Irrigation water
- Mangrove swamps

- Membrane processes
- Mineral water
- Phreatic water
- Saline groundwater
- Saline water intrusion
- Salinity
- Water pollution
- Water pollution sources
- Water pollution treatment
- Water quality

Brackish-water fish 0603.2

- BT -Animals
- Aquatic animals
- Aquatic life
- Fish
- Saline water fish
- Wildlife
- RT Animal groupings
- Estuarine fisheries
- Fish types
- Freshwater fish
- Marine fish

Braiding 0808

- RT Deposition
- Meanders
- Rivers
- Stream meandering

Brakes 1309

- RT Deceleration
- Retarding
- Wheels

Brambles 0603.1

- RT -Vine crops

Branches 1407

- NT Bifurcations
- Trifurcations
- RT -Canals
- Flow distribution
- Flow resistance
- Laterals
- Pipe flow
- Pipelines
- Velocity distribution

Brant 0603.2

- UF Branta bernicla
- BT -Animals
- Aquatic life
- Birds
- Geese (wild)
- Migratory birds
- Waterfowl
- Wildlife

Branta bernicla

- USE Brant

Branta canadensis

- USE Canada goose

Branta nigricans

- USE Black brant

Brass 1106

- BT -Alloys
- Copper alloys
- Zinc alloys
- RT Bronzes
- Copper
- Zinc

Brazing 1308

- RT Arc welding
- Joints (connections)
- Soldering
- Welding

Breaches (dam)

- USE Dam breaches

Breadth

- USE Width

Breakwaters 1313.1

- BT -Hydraulic structures
- RT -Barriers
- Beach erosion
- Coastal structures
- Coasts
- Concrete structures
- Harbors
- Littoral drift
- Ocean beaches
- Ocean waves

- Retaining walls
- Revetments
- Riprap
- Rubble mounds
- Sea walls
- Shore protection
- Wave run-up

Breccia 0807

- BT -Rocks
- RT -Cottuvium
- Fragmented materials
- Talus
- Volcanic rocks

Breeding 0603.2

- NT Plant breeding
- RT -Biology
- Broods
- Brood stock
- Genetics
- Reproduction (biology)
- Speciation

Brevoortia tyrannus

- USE Atlantic menhaden

Brick masonry 1313.4

- BT -Masonry
- RT Bricks
- Building materials
- Buildings
- Cementis
- Ceramic materials
- Clay masonry
- Construction materials
- Mortars
- Walls

Bricks 1303

- BT -Building materials
- Ceramic materials
- Construction materials
- Materials
- RT Brick masonry
- Burning
- Clay masonry
- Clays
- Masonry
- Masonry dams
- Mortars
- Paving
- Tiles

Bridge construction 1315

- BT -Construction
- RT Bridge design
- Bridge failure
- Bridge piers
- Bridges (structures)
- Highway bridges
- Road construction
- Suspension bridges

Bridge decks 1313.5

- RT Bridge design
- Bridges (structures)
- Expansion joints
- Floors
- Highway bridges
- Highway engineering
- Highways
- Pavements
- Roads
- Slabs
- Spillway piers
- Wooden bridges

Bridge design 1313.5

- BT -Design
- Structural design
- RT Arch bridges
- Bailey bridges
- Bascule bridges
- Bridge construction
- Bridge decks
- Bridge failure
- Bridge piers
- Bridges (structures)
- Highway bridges
- Road design
- Suspension bridges
- Wooden bridges

Bridge failure 1313.5

- BT -Failure
- RT Bridge construction
- Bridge design
- Bridges (structures)

THESAURUS OF WATER RESOURCES TERMS

THESAURUS OF TERMS

Bridge failure (Con.)

- Collapse
- Deterioration
- Disasters
- Earthquake damage
- Failure (mechanics)
- Fatigue (materials)

Bridge foundations 1313.6

- BT - Foundations
- RT - Abutments
- Bedrock
- Bridge piers
- Bridges (structures)
- Footings
- Foundation investigations
- Piles (foundations)

Bridge piers 1313.5

- HT - Piers
- RT - Abutments
- Bell piers
- Bridge construction
- Bridge design
- Bridge foundations
- Bridges (structures)
- Bulkheads
- Flow around objects
- Footings
- Foundations
- Highway bridges
- Piles (foundations)
- Scour
- Skewed structures
- Spillway piers
- Turbulence
- Underwater foundations

Bridges (electric)

- USE Electric bridges

Bridges (structures) 1313.5

- BT - Engineering structures
- Structures
- NT Arch bridges
- Bailey bridges
- Bascule bridges
- Highway bridges
- Railroad bridges
- Suspension bridges
- Truss bridges
- Wooden bridges
- RT Abutments
- Arches
- Arch trusses
- Bays (structural)
- Bearing pads
- Bell piers
- Bridge construction
- Bridge decks
- Bridge design
- Bridge failure
- Bridge foundations
- Bridge piers
- Cantilevers
- Civil engineering
- Concrete structures
- Continuous beams
- Continuous frames
- Continuous structures
- Crossings
- Expansion joints
- Girders
- Highway engineering
- Large structures
- Piers
- Pontoons
- Portable
- Skewed structures
- Spans
- Steel structures
- Trestles
- Trusses
- Washouts
- Wind bracing

Brine disposal 1302.5

- BT - Disposal
- Waste disposal
- Waste water disposal
- RT Byproducts
- Evaporation reservoirs
- Oil wells

Brines 1107

- BT - Saline water
- Water
- Water types
- RT Coolants
- Drilling fluids

- Evaporation reservoirs
- Refrigerants
- Salinity
- Salt velocity method
- Salt water barriers
- Solutions

Brine shrimp 0603.2

- UF Artemia
- BT - Animals
- Aquatic animals
- Aquatic life
- Commercial shellfish
- Crustaceans
- Invertebrates
- Shellfish
- Shrimp

Bristlecone pine trees 0603.1

- UF Pinus aristata
- BT - Coniferous trees
- Cunifers
- Gymnosperms
- Pine trees
- Plants (botany)
- Trees

Brittle coatings

- USE Stress analysis

Brittle fractures 2012

- BT - Fractures
- RT - Brittle fracture theory
- Brittleness
- Cracking
- Cracks
- Failure (mechanics)
- Strength of materials

Brittle fracture theory 2012

- BT - Theory
- NT Griffith theory
- RT Brittle fractures
- Brittleness
- Cracking
- Cracks
- Failure (mechanics)
- Fractures
- Strength of materials

Brittleness 2012

- UF Embrittleness
- BT - Mechanical properties
- RT Brittle fractures
- Brittle fracture theory
- Cleavage
- Ductility
- Hardness
- Impact tests
- Notch effect
- Plasticity
- Tensile properties
- Toughness
- Workability

Broad-crested weirs 1402

- BT - Weirs
- RT Cipolletti weirs
- Discharge measurement
- Flow measurement
- Rectangular weirs
- Sharp crested weirs
- Submerged weirs
- Vee-notched weirs
- Weir crests
- Weir ponds

Brome

- USE Bromegrass

Bromegrass 0603.1

- UF Brome
- Bromus inermis
- BT - Agronomic crops
- Crops
- Field crops
- Forage grasses
- Forages
- Grasses
- Monocots
- Plants (botany)
- RT Hay

Bromine 0702

- BT - Chemical elements
- Halogens
- Nonmetals
- RT Chlorine
- Fluorine

- Halogens
- Oxidizers

Bromus inermis

- USE Bromegrass

Bronzes 1100

- BT - Alloys
- Metals
- Tin alloys
- RT - Bearings
- Brass
- Journal bearings
- Metallurgy

Broods 0603.2

- RT Bird eggs
- Birds
- Breeding
- Clutch (biology)
- Hatching
- Incubation
- Nesting
- Parental care

Brood stock 0603.2

- RT - Breeding
- Game birds

Brooks

- USE Streams

Brook trout 0603.2

- UF Salvelinus fontinalis
- BT - Animals
- Aquatic animals
- Aquatic life
- Cold-water fish
- Fish
- Pan fish
- Salmonids
- Trout
- Wildlife
- RT - Freshwater fish
- Marine fish

Brown algae

- USE Phaeophyta

Brown soils 0807

- BT - Alkaline soils
- Calcareous soils
- Earth materials
- Pedocals
- Soil groups
- Soils
- Soil types
- RT Chestnut soils
- Grasslands
- Semiarid climates
- Temperate

Brown trout 0603.2

- UF Salmo trutta
- BT - Animals
- Aquatic animals
- Aquatic life
- Cold-water fish
- Fish
- Pan fish
- Salmonids
- Trout
- Wildlife

Browse utilization 0205

- RT Carrying capacity
- Comparative productivity
- Food habits
- Forest management
- Livestock
- Range management
- Ranges
- Shrubs
- Wildlife

Brush 0603.1

- BT - Crops
- Dicots
- Horticultural crops
- Plants (botany)
- NT Chaparral
- Mesquite
- Rabbitbrush
- Sagebrush
- Seepwillow
- Tamarisk
- RT Brush control
- Ground cover
- Phreatophytes

BUDGETING

- Range management
- Ranges
- Stratus
- Weeds
- Windbreaks

Brush control 0603

- UF Phreatophyte control
- Woody plant control
- BT - Control
- Pest control
- Forest control
- RT - Brush
- Carrying capacity
- Clearing
- Herbicides
- Land clearing
- Phreatophytes
- Range management
- Riparian plants
- Water conservation

Brushes 1300

- RT Panking
- Rollers

BT

- USE Bathythermographs

Bubbles 1407

- NT Air bubbles
- RT Aviation
- Air environment
- Air traps
- Air-water interfaces
- Blistering
- Boiling
- Bubbling pressure
- Cavitation
- Efferescence
- Foam
- Foaming
- Froth flotation
- Frothing
- Gases
- Liquid-vapor interfaces
- Voids
- Wakes

Bubbling pressure 0813

- UF Air entry values
- BT - Pressure
- RT - Bubbles
- Capillary tubes
- Ceramic materials
- Filter stones
- Piezometers
- Pore pressure
- Porous materials

Bucephala albeola

- USE Bufflehead duck

Bucephala clangula

- USE Common goldeneye duck

Bucephala isinndica

- USE Barrows goldeneye duck

Buckets 1304

- BT - Containers
- RT Drums
- Energy dissipators
- Hoppers

Buckets (flap)

- USE Flap buckets

Buckling 1407

- RT Bending
- Bending stress
- Collapse
- Deflection
- Deformation
- Distortion (structural)
- Eccentric loading
- Failure
- Failure (mechanics)
- Fatigue (materials)
- Heaving
- Materials failure
- Torsion
- Tunnel failure
- Twisting

Budgeting 0501

- RT Accounting
- Administration
- Allocations

USE = Use preferred term; UF = Used for; BT = Broader term; NT = Narrower term; RT = Related term.

BUDGETS

Budgeting (Con.)

- Allocations
- Appropriations (fiscal)
- Budgets
- Constraints
- Cost allocation
- Cost sharing
- Cost transfer
- Decision making
- Earnings
- Economic justification
- Estimated costs
- Estimating
- Federal budgets
- Finance
- Financial analysis
- Financial feasibility
- Financing
- Planning
- Profit
- Programs
- Revenues
- Salaries
- Wages

Budgets 0601

- BT -Energy budget
- Federal budgets
- Heat budget
- Hydrologic budget
- Water budget
- RT -Allocations
- Allocations
- Appropriations (fiscal)
- Budgeting
- Constraints
- Cost allocation
- Cost transfer
- Finance
- Organizing
- Personnel management
- Programs

Buffalo fishes 0603.2

- UF Ichthyofauna species
- BT -Animals
- Aquatic animals
- Aquatic life
- Fish
- Freshwater fish
- Suckers
- Wildlife

Buffers (chemistry) 0704

- BT -Chemicals
- RT Acidity
- Alkalinity
- Chemical reactions
- Chemistry
- Neutralization
- pH
- Solutions

Buffers (dam)

- USE Cushioning

Buffers (industrial equipment)

- 1309
- RT -Grinders
- Grinding

Bufflehead duck 0603.2

- UF Bucephala albeola
- BT -Animals
- Aquatic life
- Birds
- Ducks (wild)
- Migratory birds
- Waterfowl
- Wildlife

Building

- USE Construction

Building codes 1313.4

- BT -Codes
- Standards
- RT Bolted joints
- Building design
- Building materials
- Buildings
- Chimneys
- Concrete control
- Construction
- Construction materials
- Construction methods
- Design assumptions
- Design criteria
- Design data
- Design practices

- Design standards
- Earthquake engineering
- Earthquake loads
- Electric wiring
- Erection
- Failure (mechanical)
- Fire safety
- Fire walls
- Flexible foundations
- Flood damage
- Flood plain zoning
- Floors
- Footings
- Foundations
- Law
- Legal aspects
- Legislation
- Lubrication
- Loads (forces)
- Regulations
- Residences
- Rigid foundations
- Riveted joints
- Riveting
- Safety
- Seismic design
- Seismic stability
- Small structures
- Structural design
- Wind pressure
- Wooden structures

Building design 1313.4

- BT -Design
- Structural design
- RT Architects
- Architecture
- Beautification
- Building codes
- Building materials
- Buildings
- Columns
- Construction materials
- Design assumptions
- Design criteria
- Design practices
- Fire walls
- Floors
- Structural analysis
- Structural engineering

Building materials 1303

- Use of a more specific term is recommended
- BT -Construction materials
- Materials
- NT Architectural concrete
- Asbestos cement
- Bricks
- Ceramic materials
- Coal-tar epoxy paints
- Composite materials
- Concretes
- Dram tiles
- Enamels
- Expansive concrete
- Fiberboards
- Foam rubber
- Glass
- Glass reinforced plastics
- Hardwood
- High strength concretes
- Lacquers
- Laminated glass
- Laminated plastics
- Laminated wood
- Laminates
- Lightweight concretes
- Lumber
- Marble
- Mortars
- Nails
- Paints
- Plaster
- Plastics
- Plywoods
- Polymer concretes
- Precast concrete
- Prepacked concrete
- Prestressed concrete
- Pumped concrete
- Reinforced concrete
- Reinforced plastics
- Roofing materials
- Rubber
- Softwood
- Stones
- Structural concrete
- Structural steel

- Artificial rubber
- Boles
- Timbers
- Brick concrete
- Vacuum concrete
- Varnishes
- Wood
- RT Adhese
- Aggregates
- Architecture
- Asbestos
- Asphalts
- Bituminous materials
- Brick masonry
- Building codes
- Building design
- Buildings
- Cements
- Clay masonry
- Concrete masonry
- Concrete products
- Electric wire
- Fasteners
- Insulation
- Masonry
- Masses
- Metals
- Portland cements
- Residences
- Specifications
- Wood preservatives

Buildings 1313.4

- BT -Engineering structures
- Structures
- NT Biotrons
- Garages
- Residences
- RT Arches
- Architects
- Architecture
- Arch trusses
- Bays (structural)
- Beautification
- Bents (structural)
- Brick masonry
- Building codes
- Building design
- Building materials
- Canneries
- Chimneys
- Columns
- Concrete structures
- Construction materials
- Continuous beams
- Continuous frames
- Continuous structures
- Continuous trusses
- Demolition
- Desalination plants
- Electric powerplants
- Elevators
- Erection
- Facilities
- Floors
- Foundations
- Hospitals
- Hydroelectric powerplants
- Incinerators
- Industrial plants
- Mills
- Monuments
- Nuclear powerplants
- Pile foundations
- Powerhouses
- Powerplants
- Precast concrete
- Prefabrication
- Prestressed concrete
- Pumping plants
- Real property
- Reinforced concrete
- Roofs
- Schools (education)
- Seismic properties
- Seismic stability
- Sheathing
- Shell structures
- Shelters
- Slabs
- Small structures
- Spans
- Stairs
- Steel structures
- Thermal powerplants
- Tidal powerplants
- Towers
- Walls
- Warehouses

THE SAURUS OF WATER RESOURCES TERMS

- Wind breaking
- Wind pressure

Bulb turbines 1407.1

- BT -Equipment
- Hydraulic machinery
- Hydraulic turbines
- Turbines
- RT Francis turbines

Bulk 1407

- RT Bulk densit
- Density
- Mass
- Size
- Volume
- Weight

Bulk density 14

- BT -Density
- Physical properties
- RT Bulk
- Specific gravity

Bulkhead gates 1413.7

- BT -Equipment
- Gates
- Hydraulic equipment
- Hydraulic gates
- RT Bulkheads
- Fixed wheel gates
- Fixed machinery
- Flushing machinery

Bulkhead line 1504.1

- RT -Coastal structures
- Docks
- Jetties
- Navigation
- Piers

Bulkheads 1313.5

- BT -Engineering structures
- NT Anchored bulkheads
- RT Bellmouths
- Bridge piers
- Bulkhead gates
- Buttresses
- Coastal structures
- Concrete structures
- Docks
- Piers
- Retaining walls
- Revetments
- Sea walls
- Sheeting
- Sheet piling
- Shore protection
- Slots
- Walls
- Wave run-up

Bulking 1407

- RT Mass
- Soil properties
- Volume

Bulk modulus 2012

- RT Compressibility
- Compression
- Density
- Pressure
- Volume
- Volume change

Bulldozers 1303

- BT -Construction equipment
- Tractors
- RT -Clearing
- Draglines
- Earth handling equipment
- Earthworks
- Excavators
- Scarifiers
- Stripping

Bullheads 0603.2

- UF Ictalurus nebulosus
- Ictalurus natalis
- Ictalurus nebulosus
- Ictalurus platycephalus
- BT -Animals
- Aquatic animals
- Aquatic life
- Cattfishes
- Fish
- Freshwater fish
- Pan fish
- Wildlife

THESAURUS OF TERMS

Bulrush 0603.1

- UF Scirpus species
- Tules
- BT -Aquatic life
- Aquatic plants
- Monocots
- Plants (botany)
- Rooted aquatic plants
- RT -Amphibious plants
- Aquatic weeds

Bundled conductors 0901.1

- RT Bus (electrical)
- Electrical equipment
- Electric cables
- Electric conductors
- Electric wire
- Stranded conductors

Buoyancy 1407

- RT -Physical properties
- RT Buoy
- Density
- Floating
- Flotation
- Holsam
- Porosity
- Specific weight
- Submergence
- Uplift pressure
- Voids

Buoys 1310

- RT Buoyancy
- Floating
- Floats
- Navigation
- Warning systems

Buried cables 0901.1

- BT -Electric cables
- RT Dielectrics
- Electrical insulation
- Electric conductors
- Electric current
- Electric potential
- Power cables
- Transmission (electrical)
- Underground cables
- Underground transmission lines

Buried irrigation systems 0203.1

- BT -Distribution systems
- Gravity irrigation
- Irrigation systems

RT -Buried pipes

- Buried structures
- Cast-in-place pipes
- Conduits
- Gate valves
- Pipelines
- Turnouts
- Underground structures
- Water conveyance
- Water distribution (applied)

Buried membranes 0808.1

- BT -Membranes
- RT Asphalt membranes
- Bituminous cements
- Canal linings
- Canal seepage
- Curtains
- Cutoffs
- Flexible linings
- Impervious linings
- Impervious membranes
- Leakage
- Lined canals
- Seepage control

Buried metalwork 1302 1313

- BT -Metalwork
- RT -Buried pipes
- Buried structures
- Corrosion
- Corrosion control
- Metals

Buried pipes 1313.3

- BT -Closed conduits
- Conduits
- Pipes
- NT Culverts
- RT Asbestos-cement pipes
- Buried irrigation systems
- Buried metalwork
- Buried structures
- Cast-in-place pipes

- Metal detectors
- Pipe bedding
- Pipe laying
- Pipelines
- Siphons
- Underground structures

Buried structures 1313.5

- (includes foundations for above ground structures)
- BT -Structures
- RT Buried irrigation systems
- Buried metalwork
- Buried pipes
- Cast-in-place pipes
- Concrete tanks
- Pipelines
- Siphons
- Underground storage
- Underground structures

Burning 2102

- RT Bricks
- Ceramic materials
- Combustion
- Cultural control
- Damages
- Erosion
- Forest fires
- Forest management
- Incineration
- Oxidation
- Pest control
- Shock (physiology)
- Smoke
- Waste dumps

Burrowing animals 0603.2

- BT -Animals
- RT Canal embankments
- Dam failure
- Embankments

Burrows 0606

- BT -Tunnels
- RT -Aquatic animals
- Bank protection
- Bank stability
- Damages
- Habitats
- Muskrats
- Nests
- Rodents
- Terrestrial habitats

Bus (electrical) 0901.1

- RT Bundled conductors
- Electrical equipment
- Electric cables
- Electric conductors
- Electric wire
- Power cables
- Stranded conductors
- Substations (electrical)
- Switchyards (electrical)

Bushes

- USE Shrubs

Bushings 1305

- RT Bearing pressure
- Bearings
- Journal bearings
- Linings
- Power transmission (mechanical)
- Shafts (machinery)
- Spacers
- Supports

Butterfly valves 1311

- BT -Equipment
- Hydraulic equipment
- Hydraulic valves
- Valves
- RT Check valves
- Flap valves
- Hollow jet valves
- Outlet works

Butt joints 1305

- BT -Joints (connections)
- RT Bolted joints
- Bolts
- Fasteners
- Pipe joints
- Riveted joints
- Structural design
- Welded joints

- Weeds

Buttress dams 1313.1

- BT -Concrete dams
- Concrete structures
- Dams
- Engineering structures
- RT -Arch dams
- Buttresses
- Gravity dams
- Masonry dams
- Multiple arch dams

Buttresses 1313.5

- RT -Bulkheads
- Buttress dams
- Piers
- Retaining walls
- Structural design
- Structural members
- Structural stability
- Supports

Bypasses 0808

- RT Channel improvements
- Channels
- Chutes
- Conduits
- Conveyance structures
- Cutoffs
- Dams
- Ditches
- Diversion structures
- Diversion tunnels
- Diversion works
- Electric shunts
- Floodways
- Flumes
- River training
- Routing
- Shaft spillways
- Side channel spillways
- Ski-jump spillways
- Spillways

Byproducts 1407

- RT Brine disposal
- Costs
- Desalination
- Fly ash
- Wastes

C

Cables 1309

- (excludes electric cables)
- UF Cableway
- NT Stressing cables
- RT Galleries
- Guyed towers
- Prestressing
- Stream gaging station
- Suspension bridges
- Towing
- Wire
- Wire rope

Cables (anchored)

- USE Anchors

Cables (coaxial)

- USE Coaxial cables

Cables (electric)

- USE Electric cables

Cables (slay)

- USE Slay lines

Cables (stressing)

- USE Stressing cables

Cableway

- USE Cables

Cacti 0603.1

- BT -Crops
- Desert plants
- Dicots
- Horticultural crops
- Plants (botany)

CALCITE

- Xerophytes
- RT Arid lands

Cadastral surveys 0802

- BT -Plane surveying
- Surveys
- RT Baselines
- Boundaries (property)
- Boundary disputes
- Land acquisition
- Land development
- Land ownership
- Right-of-way
- Surveying
- Zoning

Caddisflies 0603.2

- BT -Animals
- Insects
- Invertebrates
- RT -Aquatic insects
- Benthic fauna

Cadmium 0702

- BT -Chemical elements
- Metals
- RT Cadmium alloys
- Cadmium compounds
- Cadmium radioisotopes

Cadmium alloys 1106

- BT -Alloys
- Metals
- RT Cadmium

Cadmium compounds 0702 0703

- BT -Chemical compounds
- RT Cadmium

Cadmium radioisotopes 1802

- BT -Isotopes
- Radioisotopes
- RT Cadmium

Caissons 1313.6 1315

- BT -Engineering structures
- RT Bell piers
- Cofferdams
- Construction
- Footings
- Foundations
- Gates
- Piers
- Sheet piling
- Underwater
- Underwater construction
- Underwater foundations
- Watertight

Calcareous rocks 0807

- BT -Rocks
- NT Calcite
- Chalk
- Dolomite
- Limestone
- Marble
- Marl
- RT -Calcareous soils
- Calciche
- Nonmetals
- Sedimentary rocks
- Travertine

Calcareous soils 0813

- BT -Alkaline soils
- Earth materials
- Materials
- Soils
- Soil types
- NT Brown soils
- Calciche
- Chestnut soils
- Marl
- Sierozems
- RT Alkali soils
- Calcareous rocks
- Calcium carbonate
- Calcium compounds
- Carbonate rocks
- Carbonates
- Chernozems
- Lime
- Lime soil mixtures
- Pedcals

Calcite 0807

- BT -Calcareous rocks
- Calcium carbonate
- Carbonate minerals

CALCIUM

Calcite (Con.)

- Minerals
- Rocks
- RT Chalk
- Dolomite
- Limestone
- Marl
- Travertine

Calcium 0702

- BT -Alkaline earth metals
- Chemical elements
- RT Calcium alloys
- Calcium compounds
- Hardness (water)

Calcium alloys 1106

- BT -Alloys
- RT Calcium

Calcium carbonate 0702

- BT -Calcium compounds
- Carbonates
- Carbon compounds
- Chemical compounds
- Inorganic compounds

- NT Calcite
- Chalk

- RT -Calcareous soils

- Caliche
- Coral
- Dolomite
- Hardness (water)
- Lime
- Marl
- Pedocals
- Travertine

Calcium chloride 0702

- BT -Calcium compounds
- Chemical compounds
- Chemicals
- Chlorides
- Chlorine compounds
- Halides
- Inorganic compounds
- Salts
- RT -Admixtures
- Desiccants
- Soil stabilization
- Soil treatment

Calcium compounds 0702 0703

- BT -Chemical compounds
- NT -Calcium carbonate
- Calcium chloride
- Calcium hydroxide
- Calcium sulfate
- Chalk
- Gypsum
- RT -Calcareous soils
- Calcium
- Hardness (water)
- Lime

Calcium hydroxide 0702

- BT -Alkalies (bases)
- Calcium compounds
- Chemical compounds
- Chemicals
- Inorganic compounds
- RT Lime

Calcium sulfate 0702

- BT -Calcium compounds
- Chemical compounds
- Inorganic compounds
- Sulfates
- Sulfur compounds
- NT Anhydrite
- Gypsum

Calculations 1201

- RT -Analysis
- Calculators
- Computation
- Computers
- Data processing
- Mathematics
- Nomographs

Calculators 0902

- BT -Equipment
- Office equipment
- RT Calculations
- Computation
- Computers
- Mathematics

Calculus 1201

- BT -Analysis
- Mathematical analysis
- Mathematical studies
- Mathematics
- NT Series (mathematics)
- Vector analysis
- RT -Boundary conditions
- Boundary values
- Differential equations
- Discontinuities
- Finite differences
- Fourier analysis
- Integrals
- Integration (mathematics)
- Numerical analysis

Calcifaction 2013

- RT -Aquatic environment
- Aquatic life
- Cooling water
- Heating
- Impounded waters
- Lakes
- Reservoirs
- Rivers
- Streams
- Temperature
- Thermal pollution
- Thermal properties
- Water quality

Calibrations 1402

- RT Accuracy
- Instrumentation
- Measurement
- Measuring instruments
- Metergates
- Tests

Caliche 0807 0813

- BT -Alkaline soils
- Calcareous soils
- Carbonate rocks
- Earth materials
- Materials
- Rocks
- Soils
- Soil types
- RT -Calcareous rocks
- Calcium carbonate
- Clays
- Hardpan
- Marl
- Pedocals

California 0806

- BT -Geographical regions
- States (geographical)
- RT Reclamation states

California bearing ratio 0813

- UF CBR
- RT Base courses
- Bearing strength
- Bearing values
- Flexible pavements
- Penetration
- Soil tests

California pipe method 2004

- BT -Water measurement
- RT Discharge measurement
- Irrigation
- Pipe flow

Calorimeters 1402

- UF Calorimetry
- BT -Equipment
- Instrumentation
- Measuring instruments
- Test equipment
- RT -Heat
- Laboratory equipment
- Latent heat
- Specific heat
- Temperature sensors
- Thermal analysis
- Thermal properties
- Thermographs

Calorimetry

- USE Calorimeters

Calyx drills 1309

- BT -Drilling equipment
- Drills
- Equipment
- RT Boreholes

- Borings
- Core drilling
- Cores
- Drill notes
- Drilling
- Foundation investigations

Camber 1409

- RT Bending
- Daam crests
- Deflection
- Deformation
- Distortion (structural)
- Embankment subsidence

Cameras 1405

- BT -Instrumentation
- Optical instruments
- Photographic equipment
- Recording systems
- NT -Borehole cameras
- Drill hole TV cameras
- RT High speed photography
- Laboratory equipment
- Lenses (optical)
- Photogrammetry
- Photographs
- Photography
- Remote sensing
- Spectrophotometry
- Underwater television

Cameras (high speed)

- USE High speed photography

Camping 0511

- BT -Recreation
- RT Camp sites
- Forest fires
- Parks
- Recreation facilities
- Recreation wastes
- Safety

Camp sites 0511

- BT -Recreation facilities
- RT Camping
- Facilities

Cams 1309

- RT Actuators
- Automatic control
- Internal combustion engines
- Mechanical control
- Variable-speed drives

Canada goose 0603.2

- UF Branta canadensis
- BT -Animals
- Aquatic life
- Birds
- Geese (wild)
- Migratory birds
- Waterfowl
- Wildlife

Canal construction 1315

- BT -Construction
- RT Canal design
- Canal embankments
- Canals
- Concrete-lined canals
- Concrete linings
- Earth-lined canals
- Excavation
- Overhaul
- Unlined canals

Canal design 1313.1

- BT -Design
- RT Barges
- Canal construction
- Canal embankments
- Canal linings
- Canals
- Chezy equation
- Concrete-lined canals
- Concrete linings
- Freeboard
- High velocity
- Hydraulic engineering
- Hydraulic structures
- Irrigation design
- Irrigation engineering
- Kutter formula
- Locks (waterways)
- Mannings equation
- Open channel flow
- Regime theory

- Structural design
- Trapezoidal channels
- Unlined canals

Canal embankments 1313.1

- BT -Earthworks
- Embankments
- RT Bank erosion
- Burrowing animals
- Canal construction
- Canal design
- Canals
- Compaction
- Rapid drawdown
- Seepage
- Trapezoidal channels
- Unlined canals

Canal linings 1313.1

- BT -Linnings
- RT -Asphalt cement
- Asphalt membranes
- Asphalts
- Bituminous cements
- Bituminous concretes
- Burnt membranes
- Canal design
- Canals
- Canal sealants
- Canal seepage
- Catalytically blown asphalt
- Concrete linings
- Concretes
- Earth-lined canals
- Earth linings
- Flap valves
- Flexible linings
- Impervious linings
- Impervious membranes
- Irrigation design
- Pervious blankets
- Pervious linings
- Plastics
- Rigid linings
- Seepage
- Seepage control
- Seepage losses
- Shotcrete
- Soils
- Test canals

Canals 1313.1

- BT -Channels
- Conduits
- Conveyance structures
- Hydraulic structures
- Open channels
- Structures
- Waterways

- NT Concrete-lined canals

- Earth-lined canals
- Irrigation canals
- Laterals
- Lined canals
- Test canals
- Unlined canals

- RT

- Alignment
- Approach channels
- Aqueducts
- Bends (hydraulic)
- Bifurcations
- Borrow materials
- Branches
- Canal construction
- Canal design
- Canal embankments
- Canal linings
- Canal seepage
- Capacity reduction
- Channel design
- Chute spillways
- Cuts
- Design flow
- Ditches
- Diversion dams
- Drains
- Drops (structures)
- Fills
- Fixed-bed models
- Flexible linings
- Fluid flow
- Flumes
- Frazil ice
- Friction coefficient (hydraulic)
- Gates
- Headwalls
- Headworks
- Horizontal drains
- Hydraulic engineering

THESAURUS OF TERMS

Canals (Con.)

- Hydraulics
- Inland waterways
- Irrigation
 - large structures
 - liquid level gages
 - lock gages
 - locks (waterways)
 - Navigation
 - Nuclear excavation
 - Open drains
 - Rapid drawdown
 - Rapid excavation
 - Reaches (distance)
 - Regime
- Routing
- Saline water intrusion
- Seepage
 - Siphons
 - Surface drainage
- Transportation
 - Trapezoidal channels
 - Triluncations
 - Water control
 - Water conveyance
 - Water plans
 - Water surface
 - Water transportation
 - Wye branches

Canal sealants 1303

- BT -Sealants
- RT -Asphalt membranes
- Canal linings
- Impervious linings
- Impervious membranes
- Seepage
 - Seepage control
 - Water-borne sealants

Canal seepage 1313.1

- BT -Seepage
- RT -Buried membranes
- Canal linings
- Canals
 - Earth linings
 - Flexible linings
 - Flow nets
 - Impervious blankets
 - Impervious linings
 - Impervious membranes
- Leakage
- Lined canals
- Percolation
- Seepage control
- Seepage losses
- Unlined canals
- Water loss

Canneries 1309

- BT -Engineering structures
- Industrial plants
- RT -Buildings
- Facilities
 - Fish handling facilities
 - Foods
 - Industrial wastes
 - Industries
 - Water pollution sources

Canoeing

- USE Boating

Canoes

- USE Boats

Canopy 0603.1

- UF -Overstory
- RT -Foliar
- Forests
- Interception
- Leaves
- Microenvironment
- Roots
- Stemflow
- Throughfall
- Vegetation establishment

Cans

- USE Containers

Cantilevers 1313.5

- RT -Bridges (structures)
- Concrete structures
- Corbels
- Piers
- Retaining walls
- Steel structures
- Structural design
- Structural members

Canvasback duck 0033

- UF -*Aythya valisineria*
- RT -Animals
- Aquatic life
- Birds
- Ducks (birds)
- Migratory birds
- Waterfowl
- Wildlife

Canyons 0856

- UF -Gorges
- BT -Land forms
- RT -Arroyos
- Channels
- Erosion
- Gullies
- Ravines
- Running waters
- Slopes
- Stream valley
- Valleys

Capacitance 2003

- BT -Electrical properties
- RT -Dielectric properties
- Electrical conductance
- Electrical impedance
- Inductance
- Power factor
- Reactance

Capacities (peaking)

- USE Peaking capacities

Capacitors 0901

- UF -Condensers (electrical)
- BT -Electrical equipment
- Equipment
- RT -Circuit protection
- Dielectrics
- Electric bridges
- Electric reactors
- Power system stability
- Protection (electrical)

Capacity reduction 0808

- RT -Aquatic weeds
- Canals
- Fluid flow
 - Friction coefficient (hydraulic)
- Incrustation
- Pipelines
- Reservoir capacity
- Reservoir siting

Cap clouds 0402

- BT -Clouds
- RT -Cloud cover
- Cloud modification
- Cloud seeding
- Thunderstorms

Capillarity 1407

- UF -Capillary
- RT -Absorption
- Capillary action
- Capillary conductivity
- Capillary fringe
- Capillary pressure
- Capillary tubes
- Capillary water
- Cohesion
- Electrical properties
- Flow
- Interstices
- Negative pore pressure
- Percolation
- Permeability
- Pore pressure
- Porosity
- Porous media flow
- Soil moisture movement
- Soil properties
- Soil shrinkage
- Soil water movement
- Surface properties
- Surface tension
- Unsaturated flow
- Voids
- Water application rate

Capillary

- USE Capillarity

Capillary action 2004

- UF -Capillary flow
- BT -Flow
- Movement

- Desaturated flow
- RT -Absorption
- Capillarity
- Capillary conductivity
- Capillary fringe
- Capillary tubes
- Capillary water
- Circulation (plants)
- Cohesion
- Cohesive strength
- Diffusivity
- Field capacity
- Hydrologic properties
- Ice lenses
- Negative pore pressure
- Permeability
- Permeability coefficients
- Physical properties
- Pore pressure
- Retention
- Rock properties
- Soil physical properties
- Soil suction
- Soil water movement
- Surface tension
- Voids
- Water properties

Capillary conductivity 2004

- BT -Conductivity
- Hydrologic properties
- Physical properties
- RT -Capillarity
- Capillary action
- Capillary tubes
- Darcys law
- Groundwater movement
- Infiltration
- Infiltration rate
- Interstices
- Negative pore pressure
- Percolation
- Permeability
- Pore pressure
- Pores
- Porous media
- Soil moisture movement
- Unsaturated flow
- Wetting point

Capillary flow

- USE Capillary action

Capillary fringe 0808.1

- BT -Zone of aeration
- RT -Capillarity
- Capillary action
- Capillary water
- Fringe water
- Phreatophytes

Capillary pressure 2004

- BT -Pressure
- RT -Capillarity
- Capillary tubes
- Capillary water
- Negative pore pressure
- Pore pressure
- Soil water
- Surface tension
- Tensiometers

Capillary tubes 1311

- BT -Closed conduits
- Conduits
- Rigid tubing
- Tubes
- RT -Bubbling pressure
- Capillarity
- Capillary action
- Capillary conductivity
- Capillary pressure
- Capillary water
- Filter stones
- Soil physical properties
- Soil water movement

Capillary water 0808.1

- BT -Moisture
- Soil moisture
- Soil water
- Subsurface waters
- Vadose water
- Water
- Water types
- NT -Fringe water
- RT -Capillarity
- Capillary action
- Capillary fringe

- Capillary pressure
- Capillary tubes
- Field capacity
- Gravitational water
- Hygroscopic water
- Pore pressure
- Specific retention

Capital 0503

- RT -Allocations
- Appropriations (fiscal)
- Diversification
- Economics
- Finance
- Financing
- Fixed costs
- Grants
- Interest (finance)
- Investment
- Land
- Loans
- Participating funds
- Principal
- Real property

Capital costs 1401

- BT -Costs
- RT -Construction costs
- Electric power costs
- Equipment costs
- Operating costs
- Replacement costs
- Tangible costs

Capital investment

- USE Investment

Capital mobility 0503

- RT -Capital supply

Capital supply 0503

- BT -Supply
- RT -Capital mobility
- Grants
- Loans

Capping 1308

- UF -Caps
- RT -Closing
- Retarding

Caps

- USE Capping

Capture-mark-and-recapture technique

- USE Marking techniques

Carbamate pesticides 0606

- BT -Chemical compounds
- Chemicals
- Organic compounds
- Organic pesticides
- Pesticides
- NT Thiocarbamate pesticides

Carbohydrates 0601

- BT -Chemical compounds
- Organic compounds
- NT Cellulose
- RT -Alcohols
- Biochemistry
- Lipids
- Nutrient requirements
- Photosynthesis
- Plant physiology
- Proteins
- Sugar crops

Carbon 0702

- BT -Chemical elements
- Nonmetals
- RT Activated carbon
- Carbon alloys
- Carbon compounds
- Carbon cycle
- Carbon dioxide
- Carbon monoxide
- Carbon radioisotopes
- Diamonds
- Graphite
- Hydrocarbons

Carbon alloys 1106

- BT -Alloys
- Iron alloys
- Metals
- RT Carbon
- Carbon steels

CARBONATE MINERALS

Carbon alloys (Con.)

- High strength steels
- Steel
- Structural steel

Carbon assimilation

USE Photosynthesis

Carbonate minerals 0807

- BT - Minerals
- NT Calcite
- Dolomite
- Travertine
- RT - Carbonate rocks
- Carbonates
- Sodium carbonate

Carbonate rocks 0807

- BT - Rocks
- NT Calciche
- Dolomite
- Limestone
- Marble
- Marl
- RT Atolls
- Calcareous soils
- Carbonate minerals
- Carbonates
- Chalk
- Coral
- Karst
- Reefs
- Sedimentary rocks
- Sinkholes
- Sinks
- Travertine

Carbonates 0702

- BT - Carbon compounds
- Chemical compounds
- NT - Calcium carbonate
- Chalk
- Magnesium carbonates
- Potassium carbonate
- Sodium carbonate
- RT Bicarbonates
- Calcareous soils
- Carbonate minerals
- Carbonate rocks
- Hardness (water)
- Travertine

Carbon compounds 0702 0703

- BT - Chemical compounds
- NT - Calcium carbonate
- Carbonates
- Carbon dioxide
- Carbon monoxide
- Potassium carbonate
- Sodium carbonate
- RT Carbon
- Organic compounds

Carbon cycle 0601

- BT - Cycles
- RT Aerobic conditions
- Anaerobic conditions
- Biochemistry
- Carbon
- Carbon radioisotopes
- Photosynthesis
- Respiration
- Transpiration

Carbon dioxide 0702

- BT - Carbon compounds
- Chemical compounds
- Gases
- Inorganic compounds
- Oxides
- RT Carbon
- Carbon monoxide
- Dry ice
- Soil gases

Carbon fixation

USE Photosynthesis

Carbon monoxide 0702

- BT - Carbon compounds
- Chemical compounds
- Gases
- Inorganic compounds
- Oxides
- RT Carbon
- Carbon dioxide

Carbon radioisotopes 1802

- UF Radiocarbon
- BT - Isotopes

- Radioisotopes
- RT Carbon
- Carbon cycle
- Radioactive dating

Carbon steels 1106

- BT - Alloys
- Iron alloys
- Metals
- Steel
- RT Carbon alloys
- High strength steels
- Prestressed steel
- Structural steel

Carborundum 0702

- RT Abrasion
- Abrasives

Carburetors 2110

- RT Aeration
- Injectors
- Internal combustion engines
- Mixers
- Throttling
- Vaporization

Careers 0509

- RT Abilities
- Civil service
- Education
- Human engineering
- Leadership
- Motivation
- Objectives
- Occupations
- Organization charts
- Performance
- Personnel management
- Professional advancement
- Professional development
- Professional personnel
- Self-improvement
- Students
- Training

Carnivores 0603.2

- BT - Animals
- RT Food chains
- Niches
- Predation
- Trophic level

Carp 0603.2

- UF Cyprinus carpio
- BT - Animals
- Aquatic animals
- Aquatic life
- Fish
- Freshwater fish
- Wildlife
- RT Minnows
- Rough fish

Carpiodes species

USE Carpsucker

Carpsucker 0603.2

- UF Carpiodes species
- BT - Animals
- Aquatic animals
- Aquatic life
- Fish
- Freshwater fish
- Suckers
- Wildlife

Carrier-current 1702

- RT Communication
- Data transmission
- Electric conductors
- Electric relays
- Modulation
- Powerline carriers

Carriers 1407

- RT - Diseases
- Formulation
- Powerline carriers
- Radioisotopes
- Solvents

Carrots 0204 0603.1

- BT - Crops
- Dicots
- Field crops
- Horticultural crops
- Plants (botany)
- Vegetable crops

Carrying capacity 0202

- RT Browse utilization
- Brush control
- Comparative productivity
- Grazes
- Forest management
- Grazing
- Livestock
- Pasture
- Pasture management
- Range management
- Ranges
- Wildlife management

Cars (automobiles)

USE Automobiles

Cars (not automobiles)

USE Vehicles

Cartography

USE Mapping

Carya illinoensis

USE Pecans

Caseins 0601

- BT - Organic compounds
- Proteins
- RT Milk
- Plastics

Casings 1107

- NT Well casings
- RT - Drilling
- Housings
- Linings
- Pipes
- Tubes
- Well regulations
- Wells

Castings 1106

- BT - Materials
- Metals
- NT Cast iron
- RT - Alloys
- Cast steel
- Dies
- Extrusions
- Materials forming
- Moldings

Cast-in-place piles 1313.6

- BT - Concrete piles
- Concrete products
- Concrete structures
- Piles (foundations)
- RT Bearing piles
- Bored piles
- Cast-in-place structures
- Concrete placing
- Friction piles
- Pile bearing capacities
- Pile foundations
- Pile spacing

Cast-in-place pipes 1313.3

- BT - Closed conduits
- Conduits
- Pipes
- RT Autogenous healing
- Buried irrigation systems
- Buried pipes
- Buried structures
- Cast-in-place structures
- Concrete pipes
- Concrete placing
- Friction coefficient (hydraulic)
- Pipelines
- Rigid pipes
- Water pipes

Cast-in-place structures 1313.5

- BT - Concrete structures
- Structures
- RT Cast-in-place piles
- Cast-in-place pipes
- Concrete construction
- Concrete control
- Concrete dams
- Concrete linings
- Concrete pavements
- Concrete piles
- Concrete placing
- Concretes
- Concrete tanks
- Concrete technology
- Formwork (construction)

THESAURUS OF WATER RESOURCES TERMS

- Monoliths
- Piles (foundations)
- Pipes
- Ship forms

Cast iron 1106

- UF Alloy cast iron
- BT - Alloys
- Castings
- Chemical elements
- Iron
- Iron alloys
- Materials
- Metals
- RT Cast steel
- Steel
- Steel industries

Cast iron pipe 1311

- BT - Closed conduits
- Conduits
- Pipes
- Tubes
- RT Pipelines
- Piping systems (mechanical)
- Water pipes

Cast steel 1106

- BT - Iron alloys
- Metals
- Steel
- RT - Castings
- Cast iron
- Iron

Catadromous fish 0603.2

- BT - Animals
- Aquatic animals
- Aquatic life
- Fish
- Wildlife
- RT Anadromous fish
- Animal groupings
- Eels
- Fish migration
- Fish types
- Freshwater fish

Catalogs 0502

- RT - Classifications
- Data collections
- Directories
- Indexes (documentation)
- Indexing
- Information retrieval
- Subject indexing

Catalysis

USE Catalysts

Catalysts 0704

- UF Catalysis
- RT Accelerating (chemistry)
- Chemical reactions
- Chemicals
- Enzymes
- Inhibitors
- Retardants
- Retarding agents

Catalytically blown asphalt 1303

- BT - Asphalt cement
- Asphalts
- Bituminous cements
- Bituminous materials
- Cements
- RT Asphalt membranes
- Bituminous concretes
- Canal linings
- Construction materials
- Linings
- Pavements
- Paving

Catamarans 1310

BT - Boats

Catastomids

USE Suckers

Catch crops 0204

- BT - Crops
- Plants (botany)
- RT Droughts
- Drought tolerance
- Dry land farming
- Farm management
- Freezing
- Land use

THESAURUS OF TERMS

Catch crops (Con.)

Water injury
Winterkilling

Catchments 0808

RT -Basins
Closed basins
Drainage basins
River basins
-Valleys
-Watersheds (basins)

Categories

USE Classifications

Catfishes 0603 2

UF Blindcats
Blue catfish
Headwater catfish
Ictalurus catus
Ictalurus furcatus
Ictalurus lupus
Noturus species
White catfish
BT -Animals
-Aquatic animals
-Aquatic life
-Fish
-Freshwater fish
-Pan fish
-Wildlife
NT Bullheads
Channel catfish
Madtoms
RT Rough fish

Cathodes 0901

BT -Electrodes
RT Anodes
Anodic protection
Cathodic protection
Cations
Electrochemistry
Electrolysis
Electroosmosis

Cathode tubes

USE Electron tubes

Cathodic protection 1113 1308

BT -Control
-Corrosion control
RT Anodes
Anodic protection
Cathodes
Chemical stability
-Corrosion
Corrosion currents
Electrochemistry
Galvanic corrosion
-Linings
-Pipelines
Pitting
Rust control
Soil resistivity
Stray current corrosion

Cation adsorption 0701

BT -Adsorption
-Ion adsorption
RT Anion adsorption
Anion exchange
Cation exchange
-Ions

Cation exchange 0701

UF Base exchange
BT -Ion exchange
RT Anion adsorption
Anion exchange
Cation adsorption
Cations
-Demineralization
Demineralization cells
-Water treatment
Zeolites

Cationic asphalt emulsions 1303

BT -Asphalt emulsions
-Emulsions
RT -Asphalt cement
-Asphalts
Bituminous concretes
-Bituminous materials
-Construction materials
-Roads
Soil sealants
Soil stabilization

Cations 0704

BT -Ions
RT Anions
Cathodes
Cation exchange
Permeable membranes
Protons

Cattails 0603 1

BT -Amphibious plants
-Aquatic life
-Aquatic plants
-Monocots
-Plants (botany)
-Rooted aquatic plants
RT -Aquatic weeds
Riparian plants

Cattle 0205 0603 2

BT -Animals
-Domestic animals
-Livestock
-Mammals
-Ruminants

Caulking 1303

RT Dry pack mortar
-Grouting
Grout stops
Moistureproofing
-Plugs
-Seals (stoppers)
Waterproofing

Caulking compounds 1303

RT Joint fillers
Sealing compounds

Cavefishes 0603 2

BT -Animals
-Aquatic animals
-Aquatic life
-Fish
-Freshwater fish
-Wildlife
RT Caves

Caverns

USE Caves

Caves 0807

UF Caverns
BT -Land forms
RT Cavefishes
Cavities
Karst
Land subsidence
Pores
Sinkholes
Sinks
Soluble rocks
Underground openings
-Water loss

Cavitation 2604

RT Aeration
Air demand
-Bubbles
Cavitation control
Cavitation index
Cavitation noise
Cavitation resistance
Cavities
-Conduits
-Corrosion
Corrosion environments
-Erosion
-Flow
Flow distribution
Flow separation
-Fluid flow
-Flumes
-Hydraulics
-Hydraulic structures
Hydrofoils
Impellers
Magnetostriction
-Negative pressure
-Nuclei
Pitting
Reaeration
Rotational flow
Scour
Shall spillways
-Vacuum
Velocity distribution
Vortices
Wakes
-Water

Water column separation

Cavitation control 2604

BT -Control
RT Cavitation
Cavitation index
Cavitation noise
Cavitation resistance
-Erosion control

Cavitation index 2604

RT Cavitation
Cavitation control
Cavitation noise
Cavitation resistance
-Fluid dynamics
-Formulas
-Hydraulic machinery
-Hydraulic models
Permissible velocity
-Subatmospheric pressure
Vapor pressure
-Water pressure
Water tunnels (testing)

Cavitation noise 2604

BT -Elastic waves
-Mechanical waves
-Noise (sound)
-Sound waves
RT Cavitation
Cavitation control
Cavitation index
Cavitation resistance

Cavitation resistance 2604

BT -Mechanical properties
RT Cavitation
Cavitation control
Cavitation index
Cavitation noise
Cladding
-Fluid flow
-Hydraulic models
-Materials tests
Metal coatings
-Metals

Cavities 1407

RT Apertures
Boreholes
Bores (wave)
Caves
Cavitation
-Cracks
Defects
Drill holes
Ducts
Fissures
Interstices
-Leakage
-Pits
Ports
Potholes
Underground openings
Vents
Voids

CBR

USE California bearing ratio

Ceilings (meteorology) 0402

RT Cloud cover
Cloud physics
-Clouds
-Fog
Haze
-Meteorology
Smog
Smoke
Visibility
Weather

Celerity 1407

RT -Rates
Standing waves
-Velocity
-Waves (water)

Cells 1407

(excludes cells (biology))
NT Pressure cells
RT Cellular structures
-Containers
Electric batteries
-Porous materials

Cells (biological)

USE Cytological studies

CENOZOIC ERA

Cells (pressure)

USE Pressure sensors

Cellular structures 1313 5

UF Honeycombs
BT -Structures
RT Bins
-Cells
-Cladding
-Crab walls
-Cylinders
-Porous materials
-Silos

Cellulose 0601 1112

BT -Carbohydrates
-Chemical compounds
-Organic compounds
RT Fibers (plant)
-Lignins
Lumber
Pulp wastes
Rayon
-Vascular tissues
-Wood
Wood wastes

Cement (asbestos)

USE Asbestos cement

Cement-aggregate reaction 1303 1

BT -Chemical properties
-Chemical reactions
NT Alkali aggregate reactions
RT -Aggregates
Concrete mixes
-Concrete technology
Deleterious materials
Deterioration
-Durability
Low alkali cements
-Portland cements

Cement grouts 1303

RT -Cements
Chemical grouts
-Concretes
Grout curtains
-Grouting
-Mortars
Plaster

Cements 1303 1

NT Asphalt cement
-Bituminous cements
Catalytically blown asphalt
Culback asphalts
Expanding cements
Low alkali cements
Low heat cements
-Portland cements
Sulfate-resisting cements
RT Ball mills
Bonding
Brick masonry
-Building materials
Cement grouts
Clay masonry
-Concrete additives
Concrete mixes
-Concretes
-Concrete technology
-Construction materials
Efflorescence
Expansive concrete
False set
-Grouting
Initial set
Lime
-Linings
-Masonry
Masonry darts
Mass concrete
Mineral content
-Mortars
Pipe linings
Plaster
Pozzolans
Rubble masonry
Set-retarding agents
Setting (materials)
Soil cement

Cenozoic era 0807

BT -Geologic time
NT Pleistocene epoch
-Quaternary period
Recent epoch

CENSUS

Cenozoic era (Con.)

Tertiary period

Census 1407

- NT Cereel census
- RT Data collections
- Estimating
- Future planning (projected)
- History
- Investigations
- Marking techniques
- Measurement
- Planning
- Population
- Preliminary investigations
- Sampling
- Standing crop
- Statistics
- Surveys (data collection)
- Wildlife

Centrarchus species

USE Sunfishes

Centrifugal force 2011

- UF Forces (centrifugal)
- RT -Acceleration (physics)
- Centrifuges
- Loads (forces)
- Rotation

Centrifugal pumps 1311

- BT -Equipment
- Hydraulic machinery
- Machines
- Pumps
- Rotary pumps
- RT Feed pumps
- Impellers
- Mixed flow pumps
- Propeller pumps
- Reciprocating pumps
- Turbines

Centrifugation 1302.1 1402

- BT -Separation
- Separation techniques
- RT -Analytical techniques
- Centrifuges
- Dewatering
- Extraction
- Filtration
- Water purification

Centrifuges 1402

- BT -Equipment
- RT Centrifugal force
- Centrifugation
- Concentration
- Laboratory equipment
- Mixers
- Separation techniques
- Test equipment

Centripetal force 2011

- UF Forces (centripetal)
- RT -Acceleration (physics)
- Loads (forces)
- Rotation

Ceramic materials 1102

- BT -Building materials
- Construction materials
- Materials
- NT Bricks
- Drain tiles
- Tiles
- RT Abrasives
- Brick masonry
- Bubbling pressure
- Burning
- Clay masonry
- Clay minerals
- Clays
- Glass
- Kaolin
- Masonry

Ceratopogonids

USE Midges

Cercariae

USE Trematodes

Cereal crops 0204

- BT -Agronomic crops
- Crops
- Field crops
- Grasses
- Monocots

-Plants (botany)

- NT Barley
- Corn (field)
- Oats
- Rice
- Wheat
- RT Grains (crops)
- Plant groupings
- Soil management
- Sorghum
- Wild rice

Cesium 0702

- BT -Alkali metals
- Chemical elements
- Metals
- RT Cesium compounds

Cesium compounds 0702 0703

- BT -Chemical compounds
- RT Cesium

Cesspools 1302.1

- RT -Disposal
- Domestic wastes
- Leaching
- Septic tanks
- Sewage disposal
- Sewage treatment plants
- Sewage works
- Sumps
- Waste disposal
- Waste water disposal

Chains 1305

- RT -Fasteners
- Mechanical fasteners
- Power transmission (mechanical)

Chalk 0807

- BT -Calcareous rocks
- Calcium carbonate
- Calcium compounds
- Carbonates
- Inorganic compounds
- Limestone
- Rocks
- RT Calcite
- Carbonate rocks
- Lime
- Sedimentary rocks

Chalking 1113

- RT Deterioration
- Disintegration
- Efflorescence
- Paints
- Weathering

Chamaecyparis species

USE White-cedar trees

Change orders 0501

- BT -Contract administration
- Contracts
- RT -Agreements
- Claims (contracts)
- Design improvements
- Design modifications
- Legal aspects
- Negotiations

Changula hyemalis

USE Oldsquaw duck

Channel beams

USE Structural shapes

Channel beds 0808

- BT -Beds
- RT Banks
- Bed movements
- Bed ripples
- Channel erosion
- Channel flow
- Channel improvements
- Channel morphology
- Channels
- Dry beds
- Movable bed models
- River beds
- Rivers
- Stream channels

Channel catfish 0603.2

- UF Ictalurus punctatus
- BT -Animals
- Aquatic animals
- Aquatic life

-Catfishes

- Fish
- Freshwater fish
- Pan fish
- Wildlife

Channel control (river)

USE River training

Channel design 1313.1

(restricted to the design of waterways)

- BT -Design
- RT Bank protection
- Canals
- Channel improvements
- Chery equation
- Flood protection
- Floodways
- Kutter formula
- Mannings equation
- Open channel flow
- Stable channels
- Stream channels
- Waterways

Channel erosion 0808

- BT -Erosion
- RT Bank erosion
- Banks
- Beds
- Channel beds
- Channel improvements
- Channel morphology
- Channel protection
- Channels
- Groins (structures)
- Gully erosion
- Revetments
- Rill erosion
- River currents
- River training
- Saltation
- Sediment control
- Soil erosion
- Stream erosion

Channel flow 2004

- BT -Flow
- Movement
- NT Low flow
- Natural flow
- Open channel flow
- Regulated flow
- River flow
- Streamflow
- RT Channel beds
- Channel morphology
- Channels
- Closed conduit flow
- Conduits
- Discharge (water)
- Flow patterns
- Fluid flow
- High velocity
- Hydraulics
- Large watersheds
- Mannings equation
- Pipe flow
- Roughness (hydraulic)
- Tailrace

Channel improvements 1313.1

- UF Rectification (channel)
- RT Bank stability
- Bypasses
- Channel beds
- Channel design
- Channel erosion
- Channel morphology
- Channel protection
- Channels
- Cutoffs
- Desilting
- Desilting method
- Dredging
- Flood control
- Flood protection
- Floodways
- Groins (structures)
- Jacks (structural shape)
- Riprap
- River training
- Sediment control
- Slope stability
- Stable channels
- Stream channels
- Stream erosion
- Stream improvement
- Stream meandering

-Stream stabilization

Tailrace

Channeling 1302

- RT -Channels
- Drainage engineering
- Furrow systems
- Irrigation engineering

Channel morphology 0808

- RT Alluvial channels
- Alluvial streams
- Banks
- Beds
- Channel beds
- Channel erosion
- Channel flow
- Channel improvements
- Channels
- Depth
- Discharge (water)
- Distribution patterns
- Hydraulics
- Regime
- Shape
- Slopes
- Waterways
- Width

Channel protection 1313.1

- RT Bank protection
- Channel erosion
- Channel improvements
- Flood control
- Flood protection
- Groins (structures)
- Jacks (structural shape)
- Revetments
- Riprap
- Stream erosion
- Tailrace

Channel rectification

USE River training

Channel roughness

USE Roughness (hydraulic)

Channels 0808

- BT -Waterways
- NT Alluvial channels
- Approach channels
- Canals
- Concrete-lined canals
- Earth-lined canals
- Entrance channels
- Floodways
- Flumes
- Grassed waterways
- Inland waterways
- Intake channels
- Irrigation canals
- Laterals
- Lined canals
- Navigable rivers
- Open channels
- Spawning channels
- Stable channels
- Stream channels
- Tailrace
- Trapezoidal channels
- Trapezoidal flumes
- Unlined canals
- RT Banks
- Beds
- Bends (hydraulic)
- Bypasses
- Canyons
- Channel beds
- Channel erosion
- Channel flow
- Channel improvements
- Channeling
- Channel morphology
- Closed conduits
- Conduits
- Ditches
- Drains
- Fixed-bed models
- Flood routing
- Gully erosion
- Guts
- Hydraulics
- Inlets (waterways)
- Lagoons (landforms)
- Linings
- Meanders
- Reaches (distance)
- Regime

THESAURUS OF TERMS

Channels (Con.)

Regimen
Rill erosion
River beds
Roughness (hydraulic)
-Routing
-Running waters
Scour
Sedimentology
Sewers
Siphons
Sluices
Stage-discharge relations
-Streamflow
-Streams
Surface drainage
Thalweg
Washouts
Water conveyance
-Water loss
Wave pile-up

Channels (river)
USE Stream channels

Channels (stable)
USE Stable channels

Channels (stream)
USE Stream channels

Channels (trapezoidal)
USE Trapezoidal channels

Chaoborus
USE Diptera

Chaparral 0603.1
BT -Brush
-Crops
-Dicots
-Horticultural crops
-Phreatophytes
-Plants (botany)
RT Arid lands
-Desert plants
Mesquite
Oak trees
Rabbitbush
Range management
Ranges
Sagebrush
-Trees
-Weed control

Chara 0613
BT -Algae
-Aquatic algae
-Aquatic life
-Aquatic plants
-Chlorophyta
-Plants (botany)

Characteristic hydrographs
USE Hydrographs

Characteristics 1407
RT -Animal behavior
-Curves
Human behavior
-Instrumentation
-Machines
-Properties

Charges (explosives) 1303 1901
UF Explosive charges
BT -Explosives
RT -Blasting
-Blasts
Cratering
Demolition
Detonation
-Earthworks
-Excavation
Explosive construction
-Explosive excavation
Fuses (explosives)
Nitroglycerin
Overbreak
Presplit blasting
Quarrying
Rock excavation

Charts 1405
NT Bar graphs
Flow charts
Influence charts
Organization charts
RT Area capacity curves
Data collections

Data reduction
-Diagrams
Drawings
Experimental data
Graphical analysis
-Hydrographs
Hyetographs
Logs
-Maps
Navigation
Nomographs
Plans
Scale (ratio)
-Statistical analysis
Synoptic analysis
-Tables (data)
Visual aids
Weather data

Charts (mollier)
USE Steam tables

Charts (organization)
USE Organization charts

Check dams 1313.1
BT -Check structures
-Dams
-Engineering structures
-Hydraulic structures
-Structures
RT -Barriers
Control structures
Detention reservoirs
Dikes
Diversion dams
-Erosion control
Flood control
Levees
Retention dams

Check structures 1313.1
BT -Engineering structures
-Hydraulic structures
-Structures
NT Check dams
RT -Barriers
-Concrete structures
Control structures
-Dams
Dikes
-Erosion control
Flashbozids
-Gates
-Hydraulic gates
Levees
Locks (waterways)
-Retaining walls
Spillway piers
Streamflow regulation

Check valves 1311
BT -Hydraulic valves
-Valves
RT Butterfly valves
Emergency closures
Flap valves

Chelation 0704
BT -Chemical properties
-Chemical reactions
RT -Chemistry
-Desalination

Chemcontrol 0606
UF Chemical control
BT -Control
RT -Agricultural chemicals
-Application methods
-Chemicals
Defoliants
Desiccants
Evaporation control
Fallowing
Inhibitors
Insect control
Integrated control measures
-Pest control
-Physical control
Rates of application
-Retardants
-Sterilants
Transpiration control
Water pollution sources

Chemical analysis 0704
BT -Analysis
NT -Chromatography
Colorimetry

Differential thermal analysis
Flame photometry
Fluorometry
Gravimetric analysis
Infrared spectroscopy
Neutron activation analysis
Polarographic analysis
Qualitative analysis
-Quantitative analysis
Radiochemical analysis
Volumetric analysis
Water analysis

RT -Assay
Bioassay
Chemical dilution method
-Chemistry
Electrophoresis
Gas chromatography
-Geochemistry
-Hygrometry
-Instrumentation
-Microscopy
Mineral analysis
Mineral content
-Optical measurement
Oxygen content
-Photometry
Soil analysis
Spectrometers
-Spectrometry
Spectrophotometry
-Spectroscopy
-Tests
-Thermal analysis
X-ray diffraction
X-ray fluorescence
X-ray spectroscopy

Chemical compounds 0702 0703

NT -Alcohols
-Aldehydes
Alkaloids
Alkylbenzene sulfonates
-Aluminum compounds
Alunus
Amino acids
Ammonia
Ammonium salts
Anhydrite
-Aromatic compounds
-Arsenic compounds
Benzene
Bicarbonates
Boron compounds
Cadmium compounds
-Calcium carbonate
Calcium chloride
-Calcium compounds
Calcium hydroxide
-Calcium sulfate
-Carbamate pesticides
-Carbohydrates
-Carbonates
Carbon compounds
Carbon dioxide
Carbon monoxide
Cellulose
Cesium compounds
-Chlorides
-Chlorinated hydrocarbon pesticides
-Chlorine compounds
Chlorophyll
Chromium compounds
Cobalt compounds
Copolymers
-Copper compounds
Copper sulfate
Creosote
Diazinon
Ethers
Ethylene glycol
Ferrites
Fluorescein
Fluorides
-Fluorine compounds
Fulvic acids
Fused salts
Germanium compounds
-Halides
Hexadecanol
Hydrates
-Hydrocarbons
Hydrogen sulfide
-Inorganic compounds
-Inorganic pesticides
-Iron compounds
Iron oxides
Lead compounds

-Lignins
Linear alkylate sulfonates
Lipids
Lithium compounds
Magnesium carbonates
-Magnesium compounds
Magnesium hydroxide
Manganese compounds
Mercury compounds
Molybdenum compounds
Monomers
Monuron
Nickel compounds
Niobium compounds
-Nitrates
Nitrites
-Nitrogen compounds
Nitroglycerin
Octadecanol
-Organic acids
-Organic compounds
-Organophosphorus compounds
-Organophosphorus pesticides
-Oxides
Paraquat
Pephdes
Phenols
-Phosphates
-Phosphorus compounds
-Phosphomate pesticides
Platinum compounds
Polymers
Potassium carbonate
-Potassium compounds
-Proteins
Radium compounds
-Salts
Selenium compounds
Silica
-Silicates
-Silicon compounds
Silicones
-Silver compounds
Silver iodide
Sodium arsenite
Sodium carbonate
Sodium chloride
-Sodium compounds
Sodium nitrates
Sodium phosphates
Sodium silicate
Sodium sulfate
Soluble salts
-Sulfates
-Sulfides
Sulfite liquors
-Sulfonates
-Sulfur compounds
Sulfuric acid
Tin compounds
Titanium compounds
Tungsten compounds
-Urea pesticides
-Ureas
Urine
Vanadium compounds
Zinc compounds
RT -Chemical elements
-Chemical reactions
-Chemicals
-Chemistry
Molecular weight
Molecules

Chemical control
USE Chemcontrol

Chemical degradation 0703
BT -Decomposition
-Degradation
-Degradation (decomposition)
NT Sulfate attack
RT -Biodegradation
-Chemical reactions
-Corrosion
Hydrolysis
Oxidation
Pitting
Rock alteration
Rusting
Sewage stabilization
-Sewage treatment
Sludge digestion
Sludge treatment

Chemical dilution method 0808
BT -Water measurement
RT -Chemical analysis
Gibson method

CHEMICAL ELEMENTS

Chemical dilution method (Con.)

- Mixing length
- Pipe flow
- Potassium compounds
- Pump tests
- Turbine efficiency

Chemical elements 0702

UF Elements (chemical)

NT Alkali metals

Alkali earth metals

Alloys

Aluminum

Argon

Barium

Boron

Bromine

Cadmium

Calcium

Carbon

Cast iron

Cesium

Chlorine

Chromium

Chromium alloys

Cobalt

Copper

Ferrites

Fluorine

Germanium

Gold

Halogens

Heavy metals

Helium

High strength steels

Hydrogen

Inert gases

Iron

Lead (element)

Lithium

Lithium alloys

Magnesium

Manganese

Mercury (metal)

Metals

Molybdenum

Neon

Nickel

Niobium

Nitrogen

Nonmetals

Oxygen

Phosphorus

Phosphorus radioisotopes

Platinum

Plutonium

Plutonium radioisotopes

Potassium

Potassium radioisotopes

Radium

Radium radioisotopes

Selenium

Silicon

Silver

Sodium

Sodium radioisotopes

Sulfur

Tin

Titanium

Tungsten

Vanadium

Zinc

RT

Atoms

Chemical compounds

Chemicals

Chemistry

Ions

Isotopes

Radioisotopes

Stable isotopes

Chemical engineering 0701

Use of a more specific term is recommended

UF Chemical engineers

Engineers (chemical)

BT Engineering

RT Chemical properties

Chemical reactions

Chemical wastes

Chemistry

Materials handling

Chemical engineers

USE Chemical engineering

Chemical grouts 1303

RT Cement grouts

Chemical reactions

Chemicals

Chemical sealants

Chrome lignins

Grout curtains

Grouting

Silicates

Sodium silicate

Chemical oxygen demand 0703

UF C O D

BT Oxygen demand

RT Biochemical oxygen demand

Chemical properties

Dissolved oxygen

Indicators

Oxygen

Water analysis

Water pollution

Water properties

Water quality

Chemical potential 0704

BT Chemical properties

RT Chemical reactions

Chemistry

Energy

Ionization

Oxidation-reduction potential

Water chemistry

Chemical precipitation

USE Precipitation (chemistry)

Chemical properties 0704

BT Properties

NT Acidity

Alkali aggregate reactions

Alkalinity

Ammonification

Cement-aggregate reaction

Chelation

Chemical potential

Chemical stability

Chlorination

Combustion

Corrosion resistance

Decomposition

Denitrification

Diffusion

Durability

Electrokinetic potential

Freeze-thaw durability

Hardness (water)

Heat of hydration

Hydrogenation

Hydrolysis

Jet diffusion

Latent heat

Molecular weight

Osmosis

Oxidation

Oxidation-reduction potential

pH

Photosynthesis

Polymerization

Reverse osmosis

Salinity

Soil chemical properties

Solubility

Solvation

Thermal diffusion

Water quality

Wear resistance

RT

Biochemistry

Biological properties

Chemical engineering

Chemical oxygen demand

Chemical reactions

Chemicals

Chemical stratification

Chemistry

Concrete properties

Corrosion

Electrical properties

Electrochemistry

Electrophoresis

Geochemistry

Limnology

Luminescence

Magnetic properties

Materials tests

Mechanical properties

Molecular structure

Odor

Physical chemistry

Physical properties

Physicochemical properties

Precipitation (chemistry)

Rock properties

Soil chemistry

Stability

Surface properties

Taste

Thermal properties

Toxicity

Water properties

Chemical reactions 0704

UF Reactions (chemical)

NT Alkali aggregate reactions

Ammonification

Cement-aggregate reaction

Chelation

Chlorination

Combustion

Decomposition

Denitrification

Hydrogenation

Hydrolysis

Ionization

Neutralization

Nitrification

Oxidation

Photosynthesis

Polymerization

Reduction (chemical)

Solvation

Thermal decomposition

Accelerating (chemistry)

Biodegradation

Buffers (chemistry)

Catalysts

Chemical compounds

Chemical degradation

Chemical engineering

Chemical grouts

Chemical potential

Chemical properties

Chemicals

Chemical stability

Chemistry

Conversion

Corrosion

Dehydration

Free energy

Heat of hydration

Hydrate processes

Hydration

Ions

Oxidation-reduction potential

Physical chemistry

Physicochemical properties

Precipitation (chemistry)

Rusting

Separation techniques

Slaking

Sulfate attack

Synthesis

Water chemistry

Chemicals 0704

Use of a more specific term is recommended

NT Acaricides

Acids

Additives

Admixtures

Agricultural chemicals

Aldrin

Algal toxins

Algicides

Aliphatic pesticides

Alkalis (bases)

Amino acids

Aminotriazole

Ammonium salts

Antibiotics (pesticides)

Anthelmintics (pesticides)

Antiprotazoles (pesticides)

Arsenicals (pesticides)

Awicides

Bactericides

Bicarbonates

Buffers (chemistry)

Calcium chloride

Calcium hydroxide

Carbamate pesticides

Chlorinated hydrocarbon pesticides

Concrete additives

2,4-D

Datapon

DDT

Detloculants

Delolants

THESAURUS OF TERMS

Chemical stability 0704

- BT - Chemical properties
- Stability
- RT - Aging (physical)
- Cathodic protection
- Chemical reactions
- Corrosion
- Corrosion control
- Corrosion resistance
- Decomposition
- Degradation
- Degradation (decomposition)
- Deterioration
- Inert gases
- Passive metals
- Solubility
- Solubility
- Sulfate attack
- Weathering

Chemical stratification 0704

- BT - Stratification
- RT - Chemical properties
- Water properties

Chemical warfare 1502

- UF - Warfare (chemical)
- RT - Chemicals
- Civil defense
- Desiccants
- Military aspects
- Poisons
- Water pollution sources

Chemical wastes 0701

- BT - Wastes
- RT - Acids
- Agricultural chemicals
- Chemical engineering
- Chemicals
- Detergents
- Fuels
- Heavy metals
- Industrial wastes
- Mine wastes
- Nitrates
- Oil wastes
- Dily water
- Organic wastes
- Pesticide residues
- Phenols
- Pulp wastes
- Radioactive wastes
- Sewage

Chemistry 0700

- Use of a more specific term is recommended
- BT - Sciences
- NT - Electrochemistry
- Geochemistry
- Physical chemistry
- Radiochemistry
- Soil chemistry
- Water analysis
- Water chemistry
- RT - Analytical techniques
- Biochemistry
- Buffers (chemistry)
- Chelation
- Chemical analysis
- Chemical compounds
- Chemical elements
- Chemical engineering
- Chemical potential
- Chemical properties
- Chemical reactions
- Chemicals
- Chemistry of precipitation
- Phase studies
- Physicochemical properties
- Precipitation (chemistry)
- Radiochemical analysis

Chemistry of precipitation 0402 (restricted to atmospheric precipitation)

- RT - Chemistry
- Cloud physics
- Cloud seeding
- Condensation
- Meteorology
- Nucleation
- Precipitation (atmospheric)
- Precipitation (chemistry)
- Rainfall

Chemosterilants

- USE Sterilants

Chen caeruleascens

- USE Blue goose

Chen hyperborea

- USE Snow goose

Chernozems 0607

- BT - Soil groups
- RT - Alkaline soils
- Calcareous soils
- Chestnut soils
- Corn belt
- Grasslands
- Pastures
- Percolates
- Prairie soils
- Semiarid climates
- Subhumid climates
- Temperate

Chert 0807

- BT - Rocks
- Sedimentary rocks
- RT - Quartz
- Silica

Chestnut soils 0807

- BT - Alkaline soils
- Calcareous soils
- Earth materials
- Percolates
- Soil groups
- Soils
- Soil types
- RT - Brown soils
- Chernozems
- Grasslands
- Semiarid climates
- Subhumid climates
- Temperate

Chey equation 2004

- BT - Equations
- RT - Canal design
- Channel design
- Darcy-Weisbach equation
- Discharge measurement
- Hydraulic radius
- Kutter formula
- Mannings equation
- Reynolds number
- Roughness (hydraulic)
- Uniform flow

Chickens

- USE Poultry

Chimney drains 0808 1 1313 1

- BT - Drains
- RT - Drain design
- Earth dams
- Vertical drains

Chimneys 1313 4

- UF - Flues
- RT - Boilers
- Building codes
- Buildings
- Smoke
- Vents

Chinook 0402

- UF - Foehn
- BT - Hot winds
- Wind (meteorology)
- RT - Mountains
- Drogaphy

Chinook salmon 0603 2

- UF - Oncorhynchus tshawytscha
- BT - Animals
- Aquatic animals
- Aquatic life
- Fish
- Salmon
- Salmonids
- Wildlife
- RT - Freshwater fish
- Marine fish

Chipping hammers 1309

- BT - Hammers

Chironomids

- USE Diptera

Chiselling 0204

- BT - Cultivation
- Land management

- Soil management
- RT - Deep percolation
- Drainage
- Infiltration
- Mole drainage
- Plowing
- Water management (appetit)

Chlamydomonas 0613

- BT - Algae
- Aquatic life
- Aquatic plants
- Chlorophyll
- Plants (botany)
- RT - Aquatic algae
- Aquatic microorganisms
- Soil algae

Chlorella 0613

- BT - Algae
- Chlorophyll
- Plants (botany)
- RT - Aquatic algae
- Aquatic microorganisms
- Aquatic plants
- Sewage lagoons

Chlorides 0702

- BT - Chemical compounds
- Salts
- Inorganic compounds
- NT - Calcium chloride
- Sodium chloride
- RT - Chlorine
- Saline soils
- Salts

Chlorinated hydrocarbon pesticides 0606

- BT - Chemical compounds
- Chemicals
- Halogenated pesticides
- Organic compounds
- Organic pesticides
- Pesticides
- NT - Aldrin
- 2,4-D
- Dieldrin
- DDT
- 2,6-Dichlorobenzil
- Endrin
- Heptachlor
- Monuron
- 2,4,5-T

Chlorination 0702

- UF - Chlorinators
- BT - Chemical properties
- Chemical reactions
- RT - Biochemical oxygen demand
- Chlorine
- Disinfection
- Odor
- Sewage treatment
- Sludge disposal
- Treatment
- Water purification
- Water treatment
- Water treatment plants

Chlorinators

- USE Chlorination

Chlorine 0702

- BT - Chemical elements
- Halogens
- Nonmetals
- RT - Bromine
- Chlorides
- Chlorination
- Chlorine compounds

Chlorine compounds 0702 0703

- BT - Chemical compounds
- NT - Calcium chloride
- Sodium chloride
- RT - Chlorine
- Fluorine compounds
- Halides

Chlorine radioisotopes 1802

- BT - Isotopes
- Radioisotopes

Chlorophyll 0601

- BT - Chemical compounds
- Magnesium compounds
- Organic compounds

CHUM SALMON

- Pigments
- Plant pigments
- RT - Photosynthesis

Chlorophyta 0613

- UF - Algae (green)
- Green algae
- BT - Algae
- Plants (botany)
- NT - Chara
- Chlamydomonas
- Chlorolla
- Scenedesmus
- RT - Aquatic algae
- Aquatic microorganisms
- Aquatic plants

Ch horizon 0807

- BT - Soil horizons
- RT - Agronomy
- A horizon
- B horizon
- Land classification
- Soil profiles

Chromatography 0704

- BT - Analysis
- Analytical techniques
- Chemical analysis
- Separation techniques
- NT - Gas chromatography
- RT - Adsorption
- Colorimetry
- Instrumentation
- Qualitative analysis
- Quantitative analysis
- Sorption

Chrome lignins 0703

- BT - Hydrocarbons
- Lignins
- Organic compounds
- RT - Chemical groups
- Soil stabilization

Chromium 0702

- BT - Chemical elements
- Metals
- RT - Chromium alloys
- Chromium compounds
- Refractory metals
- Steel

Chromium alloys 1106

- BT - Chemical elements
- Metals
- RT - Chromium
- Heat resistant alloys
- Stainless steel
- Steel

Chromium compounds 0702 0703

- BT - Chemical compounds
- RT - Chromium

Chromosomes 0616

- RT - Cytological studies
- Genetics

Chronographs

- USE Chronometers

Chronometers 1402

- UF - Chronographs
- BT - Clocks
- Equipment
- Instrumentation
- Measuring instruments
- Test equipment
- RT - Timing

Chrysophyta 0613

- BT - Algae
- Plants (botany)
- NT - Ochromonas
- RT - Aquatic algae
- Diatoms
- Soil algae

Chum salmon 0603 2

- UF - Oncorhynchus keta
- BT - Animals
- Aquatic animals
- Aquatic life
- Fish
- Salmon
- Salmonids
- Wildlife
- RT - Freshwater fish

CHUTE BLOCKS

Chum salmon (Con.)

—Marine fish

Chute blocks 1313.1

- RT Baffles
- Chutes
- Chute spillways
- Concrete structures
- Dentated sills
- Drops (structures)
- Energy dissipation
- Hydraulic jump
- Jet diffusion
- Outlet works
- Spillways
- Stilling basins

Chutes 1313.1

- BT —Conveyance structures
- Hydraulic structures
- RT Bypasses
- Chute blocks
- Concrete structures
- Conveyors
- Dentated sills
- Diversion structures
- Engineering structures
- Flood control
- Guide walls
- Rectangular conduits
- Skids
- Sloping intake structures
- Slug flow
- Sluices
- Spillways
- Wasteways

Chute spillways 1313.1

- BT —Hydraulic structures
- Spillways
- RT —Canals
- Chute blocks
- Concrete structures
- Control structures
- Dams
- Diversion structures
- Flashboards
- Flood control
- Floods
- Slug flow
- Sluices
- Spillway crests
- Spillway gates
- Stilling basins

Cichlids 0603.2

- BT —Animals
- Aquatic animals
- Aquatic life
- Fish
- Freshwater fish
- Wildlife
- NT Tilapia

Ciliates

USE Protozoa

Cinders 1107

- BT —Granular materials
- RT —Aggregates
- Clinker
- Coal
- Cohesionless soils
- Gravels
- Lava
- Lightweight aggregates
- Slags
- Volcanic ash
- Volcanoes

Cipolletti weirs 1402

- BT —Weirs
- RT Broad-crested weirs
- Discharge measurement
- Flow measurement
- Rectangular weirs
- Sharp crested weirs
- Staff gages
- Submerged weirs
- Vee-notched weirs
- Water measurement
- Weir crests
- Weir ponds

Circles (geometry) 1201 1409

- BT —Geometric shapes
- NT —Stress circle
- RT —Curves
- Geometry
- Helixes

Horizontal curves
Spheres
Spirals

Circuit breakers 0901

- BT —Control equipment
- Electrical equipment
- Electric switches
- NT Airblast circuit breakers
- RT Circuit protection
- Electrical restrikes
- Electric relays
- Insulating oil
- Interrupters
- Interrupter switches
- Interrupting capacity
- Load rejection
- Mobile substations
- Overloads
- Protection (electrical)
- Switchgear
- Switching
- Switching circuits
- Transformer oils

Circuit protection 0901

- BT —Protection (electrical)
- RT Air gaps
- Capacitors
- Circuit breakers
- Circuits
- Electrical faults
- Electrical grounding
- Electrical insulation
- Electric fuses
- Lightning arresters
- Overvoltage
- Substations (electrical)
- Transformers
- Transmission (electrical)

Circuitry

USE Circuits

Circuits 0901 0905

- UF Circuitry
- Electric circuits
- NT Delay circuits
- Integrated circuits
- Switching circuits
- Timing circuits
- RT Amplifiers
- Circuit protection
- Circuit testers
- Electrical design
- Electrical grounding
- Electric cables
- Electric current
- Electric power distribution
- Electric shunts
- Electric wiring
- Electron tubes
- Interconnected systems
- Network analysis
- Network design
- Protection (electrical)
- Short circuits
- Signal generators
- Transmission lines
- Wood-pole transmission lines

Circuit testers 1402

- RT —Circuits
- Electric conductors
- Electric current

Circulation 1407

- BT —Movement
- NT Air circulation
- Circulation (animals)
- Circulation (plants)
- Convection
- Ocean circulation
- Water circulation
- RT —Diffusion
- Dispersion
- Hydrologic cycle
- Mixing
- Mixing length
- Ocean currents
- Rotation
- Routing
- Water recirculation

Circulation (animals) 0616

- BT —Circulation
- Movement
- RT Air circulation
- Animal physiology

Microenvironment
Respiration
Transpiration

Circulation (plants) 0603.1

- BT —Circulation
- Movement
- RT —Absorption
- Air circulation
- Capillary action
- Consumptive use (water)
- Hydrologic cycle
- Ion transport
- Microenvironment
- Osmotic pressure
- Plant physiology
- Transfer
- Translocation
- Transpiration
- Water utilization

Circumferential joints 1305

- BT —Joints (connections)
- RT —Construction joints
- Contraction joints
- Expansion joints
- Joint fillers
- Leakage
- Longitudinal joints
- Pipe joints
- Pipes
- Sealants
- Transverse joints
- Welded joints

Circumferential stress 2012

- UF Hoop stress
- BT —Stress
- RT Radial loads
- Radial stress
- Tangential stress
- Vane shear tests

Cirques 0807

- BT —Land forms
- RT —Basins
- Closed basins
- Geomorphology
- Glacial geology
- Glaciation
- Glaciers
- Mountains
- Rock glaciers

Cirrus clouds 0402

- UF Clouds (cirrus)
- BT —Clouds
- RT —Atmosphere
- Cloud cover
- Cloud physics
- Cumulus clouds
- Fog
- Haze
- Smog
- Stratus clouds
- Weather

Cisco 0603.2

- UF Coregonus species
- Lake herring
- BT —Animals
- Aquatic animals
- Aquatic life
- Fish
- Freshwater fish
- Herrings
- Salmonids
- Wildlife

Cisterns 1302.6

- BT —Containers
- Water tanks
- RT Concrete tanks
- Engineering structures
- Rain water
- Tanks (containers)
- Underground
- Water harvesting
- Water storage

Cities 0806

- UF Metropolitan studies
- RT City planning
- Civil service
- Government employees
- Industries
- Local governments
- Municipalities
- Municipal wastes

Public health
Sewers
Storm drains
Treatment facilities
Urban areas
Urbanization
—Utilities
Water resources development
—Zoning

Citrus vulgaris

USE Melons

Citrus aurantifolia

USE Limes

Citrus fruits 0204

- BT —Crops
- Dicots
- Fruit crops
- Horticultural crops
- Plants (botany)
- Stone fruits
- NT Grapefruit
- Lemons
- Limes
- Oranges
- RT Plant groupings

Citrus limonia

USE Lemons

Citrus paradisi

USE Grapefruit

City planning 1302

- UF Urban planning
- BT —Planning
- RT Aesthetics
- Air pollution
- Area redevelopment
- Cities
- Community development
- Highways
- Municipalities
- Municipal water
- Parking areas
- Public utilities
- Residences
- Urbanization
- Urban renewal
- Urban sociology

Civil defense 1503

- BT —National defense
- RT Chemical warfare
- Disasters
- Fallout
- Nuclear explosions
- Public utilities
- Shelters
- Warning systems
- Water supply

Civil engineering 1302

- Use of a more specific term is recommended
- UF Civil engineers
- Engineers (civil)
- BT —Engineering
- NT Coastal engineering
- Drainage engineering
- Highway engineering
- Hydraulic engineering
- Sanitary engineering
- Soil engineering
- Structural engineering
- RT —Bridges (structures)
- Concrete technology
- Construction
- Engineering geology
- Engineering structures
- Feasibility studies
- Hydraulics
- Land management
- Marine engineering
- Mechanical engineering
- Military aspects
- Mining engineering
- Public utilities
- Railroads
- Second order surveys
- Soil conservation
- Soil mechanics
- Space engineering
- Surveying
- Transportation
- Tunnels
- Water resources

THESAURUS OF TERMS

Civil engineering (Con.)

Water supply systems

Civil engineers

USE Civil engineering

Civil law 0504.1

NT Torts

RT -Aqueducts

-Prior appropriation

Pueblo water rights

-Riparian rights

-Water law

Civil service 0509

RT Careers

Cities

-Classifications

Federal agencies

Federal budgets

Federal government

Federal jurisdiction

Government employees

-Governments

Local governments

-Organizations

-Personnel

Personnel management

Public services

Public works

Salaries

State governments

Civil service employees

USE Government employees

Cladding 1308

RT Cavitation resistance

-Coatings

-Composite materials

-Laminates

Metal coatings

Plating

Rolling

Sheathing

-Surfacing

Cladocera

USE Crustaceans

Claims (contracts) 0501 0504.1

BT -Contract administration

-Contracts

RT Change orders

Contracting

Litigation

Negotiations

Clamps 1305

RT -Fasteners

-Mechanical fasteners

Straps

Clams 0603.2

BT -Animals

-Aquatic animals

-Aquatic life

-Benthic fauna

-Benthos

-Commercial shellfish

-Invertebrates

-Mollusks

-Shellfish

RT Mussels

Oysters

Clamshells 1303

BT -Construction equipment

-Earth handling equipment

-Equipment

-Excavators

RT Draglines

Dredges

Shovels

Clarity 1407

RT Communication

Grammars

Ideas

Opacity

Purification

-Technical writing

Turbidity

Classification (documentation)

USE Subject indexing

Classifications 1407

UF Categories

NT Field classifications

Land classification

Soil classifications

Visual classifications

RT Catalogs

Civil service

Directories

-Documentation

-Evaluation

Gradation

Grain shapes

Indexes (documentation)

-Indexing

Libraries

Personnel management

-Petrography

-Subject indexing

-Systematics

Classifications (biological)

USE Systematics

Clathrates 0702

BT -Crystals

RT Hydrate processes

Hydrates

Clay loam 0807

BT -Loams

-Soils

-Soil types

RT -Clays

Cohesive soils

Soil texture

Clay masonry 1303

BT -Masonry

RT Adobe

Brick masonry

Bricks

-Building materials

-Cements

-Ceramic materials

-Clays

-Construction materials

-Mortars

Clay minerals 0807

PT -Inorganic compounds

-Minerals

-Silicates

NT Beidellite

Bentonite

Illite

Kaolinite

-Montmorillonite

Vermiculite

RT Adobe

Anion adsorption

-Ceramic materials

-Clays

-Expansive clays

Kaolin

Soil structure

Clay pipes 1311

BT -Closed conduits

-Conduits

-Conveyance structures

-Pipes

RT -Drains

Drain tiles

French drains

Sewers

Clays 0807

UF Clays (plastic)

Clays (sensitive)

Clays (varved)

Fai clays

Fissured clays

Lean clays

Plastic clays

Sensitive clays

Varved clays

BT -Earth materials

-Finegrained soils

-Fines

-Fire-textured soils

-Materials

-Soils

-Soil types

NT Adobe

Bentonite

-Expansive clays

Kaolin

Marine clays

Organic clays

Quick clays

RT -Atterberg limits

Binders

Bottom sediments

Bricks

Caliche

-Ceramic materials

Clay loam

Clay masonry

-Clay minerals

Clay shales

Claystones

Cohesive soils

Cohesive strength

-Colloids

Compressible soils

-Expansive soils

Grain sizes

-Grouting

Gumbo

Hardpan

Impervious soils

kaolinite

Lacustrine deposits

Lake soils

-Loams

Muck

Mud

Mudstone

Particle size

Powders

Relative consistency

-Silicates

Siltstone

Silty loams

Soil components

vermiculite

Waterlogged land

Clays (glacial)

USE Glacial deposits

Clays (lacustrine)

USE Lacustrine deposits

Clays (plastic)

USE Clays

Clays (sensitive)

USE Clays

Clays (varved)

USE Clays

Clay shales 0807

BT -Rocks

-Sedimentary rocks

-Shale

RT -Clays

Claystones

Mudstone

Slaking

Claystones 0807

BT -Rocks

-Sedimentary rocks

RT Alluvial deposits

-Clays

Clay shales

Mudstone

Sandstone

-Shale

Siltstone

Cleaning 1308

RT Abrasive blasting

Adsorbents

Decontamination

Detergents

Dust control

-Finishing

Panning

Preventive maintenance

-Processing

Purification

-Separation

Soaps

-Solvents

Surface preparation

-Treatment

Clearances 1407

RT Alignment

Spacing

Tolerances (mechanics)

Clear-cutting 0206

BT -Cutting management

-Water resources management

RT -Clearing

Forest management

CLIMATIC ZONES

Land clearing

Lumbering

-Runoff

-Succession

Vegetation regrowth

Watershed management

-Water yield

Water yield improvement

-Weed control

Clearing 1315

NT Land clearing

Reservoir clearing

RT Brush control

Buildovers

Clear-cutting

-Earthworks

Lumbering

-Removal

Stripping

Cleavage 1407

(excludes metamor)

RT Brittleness

-Cracks

-Crystals

Fissures

-Fissures (geology)

Foliation

-Fractures

CLIMATOLOGY

Climatic zones (Con.)

- Environments
- Geographical regions
- Geography
- Polar regions
- Subarctic
- Subtropic
- Temperate
- Tropic

Climatology 0402

- NT Climatic changes
- Microclimatology
- Paleoclimatology
- RT Arid climates
- Atmosphere
- Atmospheric pressure
- Climate
- Climatic data
- Climatic zones
- Clouds
- Condensation
- Degree days
- Dendrochronology
- Dew point
- Droughts
- Environments
- Evaporation
- Evapotranspiration
- Frequency curves
- Geography
- Glaciers
- Growing period
- Heaving
- Humidity
- Hydrometeorological station
- Ice
- Meteorology
- Orography
- Periodic variations
- Permafrost
- Precipitation (atmospheric)
- Radiation
- Rainfall
- Seasons
- Storms
- Synoptic analysis
- Temperature
- Topography
- Transpiration
- Tropical regions
- Weather
- Weather data
- Weather modification
- Wind (meteorology)

Climax 0606

- BT -Ecosystems
- Succession
- NT Climatic climax
- Disclimax
- Postclimax
- Preclimax
- Subclimax
- RT Dominant organisms
- Lake stages

Clinker 1107

- RT Cinders
- Slags

Cloaca (zoological) 0616

- RT Animal metabolism
- Animal physiology

Clocks 1402

- BT -Equipment
- Instrumentation
- Measuring instruments
- Test equipment
- NT Chronometers
- RT Timing

Clogging 1407

- RT Closing
- Constrictions
- Fouling
- Oil wells
- Plugs

Closed basins 0808

- BT -Basins
- RT Catchments
- Cirques
- Depression storage
- Drainage
- Groundwater barriers
- Groundwater basins
- Lakes
- Waterlogged land

-Watersheds (basins)

Closed conduit flow 2004

- BT -Flow
- Movement
- NT Pipe flow
- RT -Bends (hydraulic)
- Channel flow
- Closed conduits
- Flow patterns
- Irrigation design
- Water pipes

Closed conduits 13133

- BT -Conduits
- Conveyance structures
- NT Aqueducts
- Asbestos-cement pipes
- Buried pipes
- Capillary tubes
- Cast-in-place pipes
- Cast iron pipe
- Clay pipes
- Concrete pipes
- Corrugated metal pipe
- Drain tiles
- Flexible pipes
- Flexible tubing
- Metal pipes
- Pipes
- Pilot tubes
- Plastic pipes
- Plastic tubing
- Pressure pipes
- Pretensioned pipes
- Reinforced plastic pipe
- Rigid pipes
- Rigid tubing
- Rubber pipes
- Siphons
- Steel pipes
- Tubes
- Vortex tubes
- RT Air demand
- Air traps
- Bellmouths
- Channels
- Closed conduit flow
- Engineering structures
- Hydraulic conduits
- Hydraulics
- Irrigation design
- Plumbing
- Propeller meters
- Sewers
- Venturi meters
- Water hammer
- Water pipes

Closed conduit spillways 1313.1

- BT -Hydraulic structures
- Spillways
- RT Control structures
- Dams
- Flip buckets
- Flood control
- Morning glory spillway
- Overflow
- Shall spillways
- Spillway crests
- Stilling basins

Closing 1407

- RT Capping
- Clogging
- Constrictions
- Plugs
- Retarding

Clostridium 0613

- BT -Anaerobic bacteria
- Bacteria
- Microorganisms
- Nitrogen fixing bacteria
- Plants (botany)
- RT Botulism
- Nitrogen fixation
- Soil bacteria
- Soil microorganisms

Closures 1305

- NT Emergency closures
- RT -Barriers
- Constrictions
- Fasteners
- Fillings
- Joints (connections)
- Plugs
- Seals (stoppers)

-Valves

Cloudbursts 0402

- UF Intense rainfall
- BT -Rainfall
- Storms
- RT -Erosion
- Floods
- Rain
- Storm runoff
- Surface runoff
- Thunderstorms
- Washouts

Cloud cover 0402

- RT Cap clouds
- Ceilings (meteorology)
- Cirrus clouds
- Clouds
- Cumulus clouds
- Energy budget
- Environmental effects
- Radiation
- Stratus clouds

Cloud models 0402

- RT Cloud physics
- Meteorology

Cloud modification 0402

- BT -Weather modification
- RT Cap clouds
- Cloud physics
- Cloud seeding
- Meteorology
- Nuclei generators
- Thunderstorms

Cloud physics 0401

- BT -Atmospheric physics
- Meteorology
- Physics
- RT -Atmosphere
- Ceilings (meteorology)
- Chemistry of precipitation
- Cirrus clouds
- Cloud models
- Cloud modification
- Clouds
- Convection clouds
- Cumulus clouds
- Hydrologic cycle
- Lightning
- Nuclei generators
- Orographic clouds
- Phase studies
- Physical properties
- Precipitation (atmospheric)
- Probable maximum precipitation
- Storms
- Storm structure
- Weather modification
- Wind (meteorology)

Clouds 0402

- NT Cap clouds
- Cirrus clouds
- Convection clouds
- Cumulonimbus clouds
- Cumulus clouds
- Fog
- Orographic clouds
- Smog
- Stratus clouds
- RT -Atmosphere
- Ceilings (meteorology)
- Climatic changes
- Climatology
- Cloud cover
- Cloud physics
- Cloud seeding
- Condensation
- Convection
- Cyclones
- Haze
- Hurricanes
- Hydrometeorology
- Liquid water content
- Meteoritic water
- Meteorology
- Precipitation (atmospheric)
- Thunderstorms
- Water sources
- Weather

Clouds (cirrus)

- USE Cirrus clouds

Clouds (cumulus)

- USE Cumulus clouds

Clouds (stratus)

- USE Stratus clouds

Cloud seeding 0402.1

- UF Rain stimulation
- BT -Weather modification
- RT Airborne equipment
- Cap clouds
- Chemistry of precipitation
- Cloud modification
- Clouds
- Condensation
- Halides
- Hurricanes
- Induced precipitation
- Nucleation
- Nuclei
- Nuclei generators
- Rain
- Rainfall
- Silver iodide
- Silver iodide generators
- Snow
- Snow management
- Water sources

Clovers 0204 0603.1

- UF Trifolium (species unspecified)
- BT -Crops
- Dicots
- Horticultural crops
- Legumes
- Plants (botany)
- NT Alsike clover
- Crimson clover
- Ladino clover
- Red clover
- White clover
- RT -Agronomic crops
- Forage legumes
- Forages
- Hay
- Silage
- Turf

Clubmoss 0603.1

- UF Lycopodium species
- BT -Plants (botany)
- RT -Aquatic plants

Cupeidae

- USE Herrings

Clutch (biology) 0603.2

- RT Bad eggs
- Birds
- Broods
- Hatching
- Nests

Clutches (mechanical) 1309

- RT -Couplings
- Flexible couplings
- Gears
- Mechanical control
- Power transmission (mechanical)
- Transmissions (mechanical)
- Variable-speed drives

CMU

- USE Monuron

Coagulants 1107

- RT -Additives
- Admixtures
- Chemicals
- Coagulation
- Deflocculants
- Dispersants
- Dispersion
- Flocculants
- Gels
- Precipitation (chemistry)

Coagulation 0704

- RT -Analytical techniques
- Coagulants
- Coalescence
- Deposition
- Electrokinetic potential
- Flocculation
- Flotation
- Gels
- Hardening
- Liquid wastes
- Precipitation (chemistry)

THESAURUS OF WATER RESOURCES TERMS

THESAURUS OF TERMS Coagulation (Con.)

- Separation
- Separation techniques
- Sewage treatment
- Sturries
- Solidification
- Solid wastes
- Tertiary treatment
- Treatment
- Waste water treatment
- Water pollution treatment
- Water purification
- Water treatment
- Water treatment plants

Coal 0807 2104

- UF Anthracite
- Bituminous coal
- BT -Fossil fuels
- Organic matter
- Rocks
- Sedimentary rocks
- NT Lignite
- RT -Bitumens
- Cinders
- Coal gas
- Coal mines
- Coal tar
- Fuels
- Lithification
- Peat

Coalescence 0701 1308

- RT Coagulation
- Drops (fluids)
- Flocculation
- Physical properties
- Separation

Coal gas 2104

- BT -Gases
- RT -Coal
- Fuels
- Natural gas
- Propane

Coal mines 0809

- BT -Mines
- RT -Coal
- Coal mine wastes
- Hydraulic mining
- Land subsidence
- Mine acids
- Mining
- Mining engineering
- Open pit mining
- Shafts (mining)
- Strip mines

Coal mine wastes 0809

- BT -Industrial wastes
- Mine wastes
- Wastes
- RT -Acidic water
- Coal mines
- Mine acids
- Strip mine wastes
- Water pollution sources

Coal tar 1107

- BT -Bitumens
- Bituminous materials
- Hydrocarbons
- RT -Asphalts
- Coal
- Coal tar coating
- Mastics
- Pitch (materials)

Coal tar coating 1103

- BT -Coatings
- Protective coatings
- RT -Bituminous materials
- Coal tar
- Coal-tar epoxy paints
- Corrosion control
- Linings
- Paints

Coal-tar epoxy paints 1103

- BT -Building materials
- Coatings
- Finishes
- Paints
- RT Coal tar coating
- Epoxy resins
- Plastic coatings
- Protective coatings

Coarse aggregates 1303

- BT -Aggregates
- Construction materials
- Granular materials
- RT Cohesionless soils
- Concrete mixes
- Concretes
- Concrete technology
- Crushed stone
- Fine aggregates
- Grain sizes
- Gravels
- Pea gravel
- Pervious soils
- Rocks
- Selected materials
- Stones

Coarse fish

- USE Rough fish

Coastal areas

- USE Coasts

Coastal bermudagrass 0603.1

- BT -Agronomic crops
- Crops
- Field crops
- Forage grasses
- Forages
- Grasses
- Monocots
- Plants (botany)

Coastal diving ducks 0603.2

- BT -Animals
- Aquatic life
- Birds
- Ducks (wild)
- Migratory birds
- Waterfowl
- Wildlife
- RT Animal groupings
- Aquatic animals
- Bird types

Coastal engineering 1302

- UF Coastal engineers
- Engineers (coastal)
- BT -Civil engineering
- Engineering
- RT Beach erosion
- Coastal structures
- Coasts
- Harbors
- Marine engineering
- Shore protection
- Shores
- Waterways

Coastal engineers

- USE Coastal engineering

Coastal marshes 0808

- BT -Land forms
- Marshes
- Wetlands
- RT Coasts
- Salt marshes
- Swamps
- Terrain
- Tidal marshes

Coastal plains 0806

- BT -Land forms
- Regions
- NT Alabama
- Delaware
- Florida
- Georgia
- Louisiana
- Maryland
- Mississippi
- New Jersey
- North Carolina
- South Carolina
- Texas
- Virginia
- RT Coasts
- Terrain

Coastal structures 1313.5

- BT -Engineering structures
- Structures
- NT Jetties
- RT Abutments
- Breakwaters
- Bulkhead line
- Bulkheads

Coastal engineering

- Coasts
- Docks
- Harbors
- Hydraulic structures
- Levees
- Marinas
- Marine engineering
- Offshore platforms
- Piers
- Retaining walls
- Sea walls
- Shore protection
- Shores

Coaster gates 1313.7

- BT -Gates
- Hydraulic equipment
- Hydraulic gates
- RT Emergency gates
- Fixed wheel gates
- Fluid mechanics
- Gate hoists
- Hoisting machinery
- Intake gates
- Outlet works
- Penstocks

Coastlines

- USE Coasts

Coasts 0806

- UF Coastal areas
- Coastlines
- Seacoast
- BT -Land forms
- RT -Beaches
- Breakwaters
- Coastal engineering
- Coastal marshes
- Coastal plains
- Coastal structures
- Continental margin
- Deltas
- Drowned (submerged)
- Dunes
- Fjords
- Harbors
- Lighthouses
- Ocean currents
- Oceans
- Offshore platforms
- Regions
- Rip currents
- Saline water intrusion
- Sand bars
- Sand spits
- Sea spray
- Sea walls
- Shoaling
- Shoals
- Shores

Coatings 1103

- NT Coal tar coating
- Coal-tar epoxy paints
- Enamels
- Galvanizing
- Lacquers
- Metal coatings
- Painting
- Paints
- Plastic coatings
- Primers (coatings)
- Protective coatings
- Varnishes
- Vinyl-resin coatings
- RT Adhesives
- Anodizing
- Asphalt emulsions
- Cladding
- Concretes
- Crusts
- Deposition
- Dipping
- Encasement
- Films
- Finishes
- Hard surfacing
- Holidays (coatings)
- Impregnation
- Incrustation
- Inhibitors
- Laminates
- Linings
- Materials
- Moistureproofing
- Pavements
- Paving

- Pipe linings
- Protective coverings
- Sealants
- Seal coat
- Sheets
- Shotcrete
- Substrates
- Surface preparation
- Surface properties
- Surfaces
- Surfacing
- Thin films
- Waterproofing
- Waxes
- Weatherproofing
- Wood preservatives

Coatings (brittle)

- USE Stress analysis

Coaxial cables 0901

- UF Cables (coaxial)
- BT -Electric cables
- RT Electrical insulation
- Electric conductors
- Electric wire
- Submarine cables
- Television
- Underwater television

Cobalt 0702

- BT -Chemical elements
- Metals
- RT Cobalt alloys
- Cobalt compounds
- Cobalt radioisotopes

Cobalt alloys 1106

- BT -Alloys
- Metals
- RT Cobalt
- Heat resistant alloys
- Steel

Cobalt compounds 0702 0703

- BT -Chemical compounds
- RT Cobalt

Cobalt radioisotopes 1802

- BT -Isotopes
- Radioisotopes
- RT Cobalt

Cobbles 0807

- UF Cobblestones
- BT -Construction materials
- Earth materials
- Materials
- RT Boulders
- Cohesionless soils
- Crushed stone
- Dam facings
- Gradation
- Gravels
- Particle size
- Riprap
- Rocks
- Soil classifications
- Soil components

Cobblestones

- USE Cobbles

C.O.D.

- USE Chemical oxygen demand

Codes 1407

- BT -Standards
- NT Building codes
- RT Acceptability
- Acceptance tests
- Criteria
- Data transmission systems
- Design criteria
- Design standards
- Performance
- Performance tests
- Production control
- Quality control
- Regulations
- Symbols
- Tolerances (mechanics)

Coding 1407

- RT Analog to digital converters
- Computer programming
- Computer programs
- Data transmission
- Digital recording

COEFFICIENTS

Coding (Con.)

- Languages
- Machine translating
- Symbols

Coefficients 1407

- NT Discharge coefficients
- Evaporation coefficient
- Friction coefficient (hydraulic)
- Friction coefficient (mechanical)
- Heat transfer coefficient
- Permeability coefficients
- Poisson ratio
- Resistance coefficients
- Roughness coefficient
- Runoff coefficient
- Rupture modulus
- Storage coefficient
- Uniformity coefficient
- Variation coefficients
- RT Consistency
- Fluid friction
- Head losses
- Mathematics
- Orifices
- Roughness (hydraulic)
- Skin friction
- Statistical analysis
- Statistical models
- Statistics
- Variability

Cofferdams 1313.1

- BT Dams
- Hydraulic structures
- RT Caissons
- Concrete dams
- Control structures
- Dikes
- Diversion dams
- Earth dams
- Embankments
- River closures
- Rockfill dams
- Sheeting
- Sheet piling

Cohesion 2011

- BT Mechanical properties
- RT Adhesion
- Bearing strength
- Binders
- Bonding
- Bonding strength
- Capillarity
- Capillary action
- Cohesive soils
- Cohesive strength
- Internal forces
- Internal friction
- Intrinsic pressure
- Mohr circle
- Mohr envelope
- Negative pore pressure
- Negative pressure
- Plasticity
- Shear strength
- Soil properties
- Soil strength
- Soil suction
- Soil tests
- Toughness
- Undrained shear tests

Cohesionless soils 0813

- UF Noncohesive soils
- BT Earth materials
- Materials
- Soils
- Soil types
- RT Aggregates
- Angle of repose
- Boulders
- Cinders
- Coarse aggregates
- Cobbles
- Cohesive soils
- Crushed stone
- Fine aggregates
- Granular materials
- Gravels
- Liquefaction
- Loose soils
- Pervious soils
- Relative density
- Sands
- Silts

Cohesive soils 0813

- BT Earth materials

Materials

- Soils
- RT Clay loam
- Clays
- Cohesion
- Cohesionless soils
- Cohesive strength
- Colloids
- Expansive clays
- Finegrained soils
- Fines
- Hardpan
- Impervious soils
- Loams
- Organic clays
- Organic soils
- Relative consistency
- Silts
- Soil plasticity

Cohesive strength 0813

- BT Mechanical properties
- Physical properties
- Strength
- RT Bearing strength
- Bonding
- Capillary action
- Clays
- Cohesion
- Cohesive soils
- Friction
- Intrinsic pressure
- Shear strength
- Soil properties
- Soil strength
- Soil suction
- Soil tests

Coils 1307

- RT Cooling systems
- Copper tubing
- Electromagnets
- Heating
- Springs (mechanical)
- Windings (electrical)

Coils (electromagnetic)

- USE Electromagnets

Coils (magnetic)

- USE Electromagnets

Cold climates 0402

- BT Climate
- RT Cold regions
- Cold weather construction
- Environments
- Freeze-thaw cycle
- Freeze-thaw durability
- Meteorology

Cold regions 0806

- BT Regions
- NT Polar regions
- RT Alaska
- Alpine
- Arctic
- Arctic
- Arctic
- Climate
- Cold climates
- Cold weather construction
- Cryology
- Environments
- Freeze-thaw cycle
- Freeze-thaw durability
- Meteorology
- Permafrost
- Subarctic
- Tundra

Cold resistance 0606

- BT Biological properties
- Resistance
- RT Crop response
- Environmental effects
- Exposure
- Frost protection
- Physiological ecology
- Plant physiology
- Seasonal
- Snow cover
- Winterkilling

Cold-rolled steel 1106

- BT Non alloys
- Metals
- Steel

- RT Bars
- Rolling
- Steel pipes
- Steel plates

Cold springs 0808.1

- UF Non-thermal springs
- BT Running waters
- Springs (water)
- RT Temperature

Cold-water fish 0603.2

- BT Animals
- Aquatic animals
- Aquatic life
- Fish
- Wildlife
- NT Brook trout
- Brown trout
- Cutthroat trout
- Lake trout
- Rainbow trout
- Trout
- RT Animal groupings
- Fish types
- Freshwater fish
- Lake fisheries
- Reservoir fisheries
- Salmonids
- Stream fisheries

Cold-water fishing 0511

- BT Fishing
- RT Bar fishing
- Fly fishing
- Freshwater fish
- Ice fishing
- Reservoir fisheries
- Sport fishing
- Stream fisheries
- Suit-casting

Cold weather construction 1315

- BT Construction
- RT Antarctic
- Arctic
- Cold climates
- Cold regions
- Concrete construction
- Construction equipment
- Construction materials
- Construction methods
- Frost action
- Frost heaving
- Frost protection
- Frozen soils
- Permafrost
- Polar regions
- Subarctic

Colliforms 0613

- BT Bacteria
- Microorganisms
- Plants (holary)
- NT E. coli
- RT Aquatic bacteria
- Aquatic microorganisms
- Aquatic plants
- Enteric bacteria
- Pathogenic bacteria
- Sewage bacteria

Collapse 1407

- RT Bridge failure
- Buckling
- Dam failure
- Deformation
- Failure
- Failure (mechanics)
- Tunnel failure

Collars 1305

- RT Adapters
- Couplings
- Fasteners
- Fittings
- Joints (connections)
- Welding

Collecting methods 1402

- RT Sampling

Collection (data)

- USE Data collection systems

Collection (sewage)

- USE Sewerage

THESAURUS OF WATER RESOURCES TERMS

Collection systems (water)

- USE Water collection systems

Colleges 0503

- RT Education
- Engineering education
- Organizations
- Schools (education)
- Students
- Training
- Universities

Collimators 2006

- BT Instrumentation
- Optical instruments
- RT Optical measurement

Colloids 0704

- NT Aerosols
- Hydrosols (dispersions)
- RT Clays
- Cohesive soils
- Dispersion
- Electrophoresis
- Emulsions
- Fines
- Flocculation
- Gels
- Grain sizes
- Mixing length
- Particles
- Physical chemistry
- Precipitation (chemistry)
- Sediments
- Soil classifications
- Soil components
- Suspended sediments
- Suspended solids
- Turbidimeters
- Turbidity

Colluvium 0807

- BT Earth materials
- Geologic deposits
- Materials
- Soils
- NT Talus
- RT Alluvial deposits
- Alluvium
- Avalanches
- Breccia
- Debris
- Debris avalanches
- Detrital soils
- Detritus
- Erosion
- Landslides
- Loose soils
- Mass wasting
- Sediment deposits
- Sediments
- Sheet erosion
- Slopes
- Soil types
- Soilification

Color 2006

- BT Electromagnetic properties
- Physical properties
- RT Biological properties
- Colorimetry
- Color reactions
- Dyes
- Light
- Light waves
- Organoleptic properties
- Pigments
- Plant pigments
- Printing
- Soil classifications
- Spectrophotometry
- Stains
- Surface properties
- Symbols
- Visibility
- Vision
- Visual classifications
- Water analysis
- Water pollution effects
- Water properties
- Water quality

Colorado 0806

- BT Geographical regions
- States (geographical)
- RT Reclamation states

Colorimeters

- USE Colorimetry

THESAURUS OF TERMS

Colorimetry 1402

- UF Colorimeters
- BT -Analysis
 - Analytical techniques
 - Chemical analysis
 - Optical measurement
- RT -Chromatography
 - Color
 - Flame photometry
 - Fluorometry
 - Instrumentation
 - Optical instruments
 - Photometers
 - Photometry
 - Qualitative analysis
 - Quantitative analysis
 - Spectrometry
 - Spectrophotometry
 - Spectroscopy

Color photography 1405

- BT -Photography
- RT Aerial photography
- Stereoscopic photography

Color reactions 1402

- RT -Analytical techniques
 - Color
 - Water analysis
 - Water quality

Columbium

USE Niobium

Columns 13135

- UF Pillars
- BT -Structural members
- RT Auger-type footings
 - Beams (structural)
 - Bents (structural)
 - Building design
 - Buildings
 - Compression members
 - Eccentric loading
 - Flexural strength
 - Footings
 - Foundations
 - Frames
 - Pad footings
 - Piles (foundation)
 - Slenderness ratio
 - Spans
 - Stirrups
 - Structural concrete
 - Structural design
 - Structural shapes
 - Struts
 - Studs
 - Supports
 - Vertical loads
 - Web beams

Combustion 0704 2102

- BT -Chemical properties
- Chemical reactions
- RT Burning
 - Conversion
 - Detonation
 - Explosions
 - Fires
 - Flames
 - Flammability
 - Oxidation

Commerce 0503

- RT Competition
- Consumption
- Demand
- Financing
- Liabilities
- Manufacturing
- Marketing
- Prices
- Real property
- Sales
- Supply
- Transportation

Commercial fish 06032

- BT -Animals
 - Aquatic animals
 - Aquatic life
 - Fish
 - Wildlife
- RT Animal groupings
- Commercial fishing
- Fish harvest
- Fish types
- Freshwater fish

- Marine animals
- Marine fish
- Salmon
- Salmonids
- Shellfish

Commercial fishing 0503

- BT -Fishing
- Industries
- RT -Aquaculture
 - Bait fishing
 - Commercial fish
 - Commercial shellfish
 - Electrical shocking gear
 - Fisheries
 - Fish handling facilities
 - Fishing gear
 - Freshwater fish
 - International compacts
 - International waters
 - Marine fisheries
 - Shellfish

Commercial shellfish 06032

- BT -Animals
 - Aquatic animals
 - Aquatic life
 - Invertebrates
 - Shellfish
- NT Brine shrimp
- Clams
- Crabs
- Opossum shrimp
- Oysters
- Pink shrimp
- Shrimp
- RT Commercial fishing
 - Crustaceans
 - Lobsters

Commissions (international)

USE International commissions

Common eider duck 06032

- UF Eider (common)
- Somateria mollissima
- BT -Animals
 - Aquatic life
 - Birds
 - Ducks (wild)
 - Migratory birds
 - Waterfowl
 - Wildlife

Common enemy rule

USE Repulsion (legal aspects)

Common goldeneye duck 06032

- UF Bucephala clangula
- Goldeneye duck (common)
- BT -Animals
 - Aquatic life
 - Birds
 - Ducks (wild)
 - Migratory birds
 - Waterfowl
 - Wildlife

Common merganser duck 06032

- UF Merganser Duck (common)
- Mergus merganser
- BT -Animals
 - Aquatic life
 - Birds
 - Ducks (wild)
 - Migratory birds
 - Waterfowl
 - Wildlife

Common teal 06032

- UF Anas crecca
- Teal (common)
- BT -Animals
 - Aquatic life
 - Birds
 - Ducks (wild)
 - Migratory birds
 - Waterfowl
 - Wildlife

Communication 1702

- RT -Acoustics
 - Animal sounds
 - Carrier current
 - Clarity
 - Drill hole TV cameras
 - Gammare
 - Hydrophones
 - Ideas

- Languages
- Navigation
- Powerline carriers
- Radar
- Radio communication systems
- Radio interference
- Recommendations
- Reports
- Report writing
- Semantics
- Social behavior
- Sociology
- Symbols
- Telemetry
- Telemetry systems
- Telephones
- Television
- Transmitters
- Transportation
- Vocabularies

Communities (biological)

USE Biological communities

Community development 0511

- RT Aesthetics
- Area redevelopment
- City planning
- Economics
- Population
- Rural areas
- Rural sociology
- Social mobility
- Urban areas
- Urbanization
- Urban renewal
- Urban sociology

Commutators 0901

- RT -Electric generators
- Electric motors
- Slip rings

Compacted soils 0813

- BT -Earth materials
 - Materials
 - Soils
 - Soil types
- RT -Compaction
 - Compaction equipment
 - Compaction tests
 - Densification
 - Dikes
 - Earth dams
 - Earthfill
 - Earthworks
 - Embankments
 - Fills
 - Impervious blankets
 - Impervious soils
 - Levees
 - Permeability
 - Remolded soil samples
 - Roller fills
 - Seepage control
 - Sheepfoot rollers
 - Soil compaction
 - Soil density
 - Soil environment

Compaction 1407

- NT Soil compaction
- Vibratory compaction
- RT Canal embankments
- Compacted soils
- Compaction equipment
- Compaction tests
- Compressibility
- Compression
- Consolidation
- Deep subsidence
- Densification
- Density
- Drum rollers
- Earth dams
- Earthfill
- Earth pressure
- Earthworks
- Fills
- Firm
- Landfills
- Moisture content
- Nuclear density meters
- Permeability
- Pipe bedding
- Pipe cover
- Pipe laying
- Pneumatic tired rollers
- Presses

COMPARATIVE STUDIES

- Puddling
- Roller fills
- Rollers
- Rolling
- Shallow subsidence
- Sheepfoot rollers
- Soil physical properties
- Soil pressure
- Stress
- Subsidence
- Tamping rollers
- Volume change

Compaction control (rapid)

USE Rapid compaction control

Compaction equipment 1303

- UF Compaction rollers
- BT -Construction equipment
- Equipment
- NT Drum rollers
- Pneumatic tired rollers
- Sheepfoot rollers
- Tamping rollers
- RT Compacted soils
 - Compaction
 - Compaction tests
 - Earth handling equipment
 - Mobile equipment
 - Roller fills
 - Rollers
 - Rolling
 - Soil compaction
 - Vibratory compaction

Compaction rollers

USE Compaction equipment

Compaction tests 0813

- BT -Materials tests
- Tests
- RT Compacted soils
 - Compaction
 - Compaction equipment
 - Construction control
 - Density
 - Field tests
 - Laboratory tests
 - Optimum moisture content
 - Proctor curves
 - Rapid compaction control
 - Relative density
 - Remolded soil samples
 - Soil compaction
 - Soil density
 - Soil mechanics
 - Soil tests
 - Test equipment
 - Test fills
 - Vibratory compaction

Compacts

USE Interstate compacts

Compacts (international)

USE International compacts

Compacts (interstate)

USE Interstate compacts

Comparative benefits 0503

- BT -Benefits
- RT Annual equivalent benefits
- Comparative costs
- Comparative studies

Comparative costs 1401

- BT -Costs
- RT Annual equivalent costs
- Comparative benefits
- Comparative studies
- Construction costs
- Economics
- Electric power costs
- Unit costs

Comparative productivity 0603

- BT -Productivity
- RT Browse utilization
- Carrying capacity
- Comparative studies
- Ecosystems

Comparative studies 1407

- RT Comparative benefits
- Comparative costs
- Comparative productivity
- Criteria
- Recommendations

COMPATIBILITY

Comparisons (cost)
USE Cost comparisons

Compatibility 1407

RT Acceptability
Deleterious materials
Formulation
Integrated control measures
- Mixtures
- Resistance
- Stability

Compensation 0501 0503

UF Compensatory payment
RT - Benefits
Condemnation value
Cost repayment
Errors
- Insurance
Labor costs
Labor unions
- Payment
Professional advancement
Salaries
Unemployment
Wages
Welfare (economics)
Working conditions

Compensatory payment
USE Compensation

Competing uses 0504.1

BT - Efficiencies
- Water utilization
RT - Legal aspects
Multiple purpose reservoirs
Non-consumptive use
Project purposes
Reasonable use
- Reservoir operation
- Riparian rights
Water allocation (policy)
Water consumption
- Water policy
- Water rights
Water zoning

Competition 0510

RT - Animal behavior
- Behavior
Commerce
Competitive bidding
Competitive prices
Dominant organisms
- Ecology
- Economics
- Environments
Ferility
Inhibitors
Invasion
Life history studies
- Marketing
Microenvironment
Monopoly
Pasture management
Patents
Persistence
- Personnel
Personnel management
Plant growth substances
- Predation
- Productivity
Professional advancement
- Regulation
- Regulations
- Resistance
Secondary productivity
Social behavior
- Soil microorganisms
- Succession

Competitive bidding 0501

RT Bids
Competition
- Contract administration
- Contracts
- Legal aspects
Specifications
Unit costs

Competitive prices 0503

BT - Prices
RT Competition

Components (computer system)
USE Computer systems hardware

Components (rotating)
USE Rotating components

Components (soil)
USE Soil components

Composite beams 1313.5

BT - Beams (structural)
- Structural members
RT Architecture
- Composite materials
Com. pipe structures
Deep beams
- Girders
Hybrid beams
- Laminates
- Reinforced concrete
- Steel
- Structural design
Timbers
- Wood

Composite materials 1104

BT - Building materials
- Construction materials
- Materials
NT Laminated glass
Laminated plastics
- Laminated wood
- Laminates
Plywoods
- Reinforced plastics
RT Anisotropy
Cladding
Composite beams
Composite structures
Copolymers
- Filters
- Plastics
Polymer concretes
- Reinforced concrete
- Reinforcement
- Reinforcing materials
Sandwiching

Composite structures 1313.5

BT - Structures
RT Architecture
Composite beams
- Composite materials
- Concretes
- Concrete structures
- Earthworks
- Steel
Steel structures
- Structural design
- Wood
- Wooden structures

Compressed air 1307

BT - Air
- Gases
RT Air compressors
Air traps
- Compression
- Compressors
Ice prevention
- Safety
- Tunnel construction
Vortex tubes

Compressibility 2012

BT - Mechanical properties
RT Barometric efficiency
Bearing strength
Bulk modulus
- Compaction
- Compressible flow
Compressible soils
- Compression
- Compression tests
Compressive strength
Confined water
- Consolidation
- Deformation
Deformation modulus
- Density
Ductility
Piezometry
Porosity
Rigidity
Soil consolidation tests
- Soil physical properties
Soil plasticity
- Soil properties
Water properties

Compressible flow 2004
BT - Fluid flow

NT Subsonic flow
Supersonic flow
RT Aerodynamics
Compressibility
- Fluid dynamics
Fluid mechanics
Incompressible flow

Compressible soils 0813

BT - Earth materials
- Materials
- Soils
- Soil types
RT Clays
Compressibility
- Compression
- Consolidation
- Deformation
- Density
Embankment subsidence
- Expansive soils
- Imbricated soils
Loose soils
Preloading
- Settlement (structural)
- Soil physical properties
- Soil properties

Compression 1407

NT - Axial compression
Biaxial compression
Triaxial compression
Unconfined compression
RT Bulk modulus
- Compaction
Compressed air
Compressibility
Compressible soils
Compression curves
Compression members
- Compression tests
Compressive strength
Compressive stress
- Compressors
Concentration
- Consolidation
- Deformation
Densification
Normal strain
Pipe tests
Preloading
Rebound
- Settlement (structural)
- Shear
Shear planes
Soil compression tests
Springs (mechanical)
- Strain
- Stress
- Tension
- Volume change

Compression curves 1402

BT - Curves
- Geometric shapes
RT - Axial compression
- Compression
- Compression tests
Compressive strength
- Consolidation
- Density
- Mechanical properties
Porosity
Soil compression tests
- Soil properties

Compression fittings 1305

BT - Fittings
RT Adapters
Copper tubing
Flexible tubing
- Joints (connections)
- Tubes

Compression members 1313.5

RT - Beams (structural)
Bents (structural)
- Bracing
Columns
- Compression
- Compression tests
Compressive strength
Compressive stress
- Frames
- Girders
- Structural members
Struts
Studs
- Supports

- Trusses

Compression tests 1307

BT - Materials tests
- Tests
RT Soil compression tests
RT Axial compression
Biaxial compression
Compressibility
Compression
Compression curves
Compression members
Compressive strength
Compressive stress
Creep tests
Fatigue tests
Hardness tests
Impact tests
Laboratory tests
Loading tests
Rock tests
Soil tests
Static tests
Stress-strain curves
Tension tests
- Test equipment
Test machines
Test procedures
Triaxial compression
Triaxial tests
Unconfined compression

Compression tests (soil)
USE Soil compression tests

Compressive strength 2012

BT - Mechanical properties
- Physical properties
- Strength
RT - Axial compression
Bearing strength
Biaxial compression
Compressibility
- Compression
Compression curves
Compression members
- Compression tests
Compressive stress
Concrete properties
- Materials tests
Shear strength
Soil compression tests
Soil mechanics
Strength of materials
- Tensile strength
Triaxial compression
Unconfined compression
Yield point
Yield strength

Compressive stress 2012

BT - Stress
RT - Axial compression
Biaxial compression
- Compression
Compression members
- Compression tests
Compressive strength
- Loads (forces)
Normal stress
- Pressure
Radial stress
Shear stress
Soil compression tests
Tensile stress
Total stress
Triaxial compression
Unconfined compression

Compressors 1307

UF Reciprocating compressors
Rotary compressors
BT - Equipment
NT Air compressors
RT Air conditioning
Axial flow
Compressed air
- Compression
Condensers (liquefiers)
Cooling systems
- Materials handling equipment
- Pumps
Refrigeration
- Vacuum apparatus
Vacuum pumps

Computation 1201

RT Analog computers
- Analysis

THESAURUS OF WATER RESOURCES TERMS

THESAURUS OF TERMS

Computation (Con.)

Batch processing (data)
Calculations
Calculators
Computers
-Data processing
Digital computers
Hybrid computers
Nonographs

Computer applications 0902

RT Algorithms
Automatic control
Computer programming
Computer programs
Data collection systems
Data retrieval
Data storage
Data transmission
Decision making
Dynamic programming
Graphical analysis
Mathematical analysis
Operations research
Statistical analysis
Structural analysis

Computer languages

USE Programming languages

Computer models 0902

UF Computer simulation
RT Models
-Model studies
RT Analog models
Computer programming
Computer programs
Computers
Correlation
-Data processing
Finite difference method
Finite element method
Mathematical models
Model tests

Computer programming 0902

UF Programming (computer)
RT Algorithms
Bar graphs
Coding
Computer applications
Computer models
Computer programs
Computers
Computer systems programs
-Data processing
Data retrieval
Data storage
Digital computers
Dynamic programming
Finite difference method
Finite differences
Finite element method
Flow charts
Linear programming
Manuals
-Mathematical logic
Mathematics
-Numerical analysis
Programming languages
Systems analysis

Computer programs 0902

UF Programs (computer)
NT Computer systems programs
RT Algorithms
Batch processing (data)
Coding
Computer applications
Computer models
Computer programming
Computers
-Data processing
Data retrieval
Data storage
Information retrieval
PERT
-Production
Programming languages
Selective dissemination

Computers 0902

BT -Electronic equipment
-Equipment
NT Analog computers
Digital computers
Hybrid computers
RT Analog models
Automatic control
Automation

Batch processing (data)
Calculations
Calculators
Computation
Computer models
Computer programming
Computer programs
Computer storage devices
Computer systems hardware
Computer systems programs
Critical path method
-Data processing
Data retrieval
Data storage
Data transmission systems
Design tools
Information systems
Interest profiles
Laboratory equipment
Numerical analysis
-Path
Production control
Programming languages
Research equipment
Scheduling
Supervisory control (power)
Systems analysis
-Test equipment
-Test facilities

Computer simulation

USE Computer models

Computer storage devices 0902

UF Memory (computer)
BT Computer systems hardware
RT Magnetic tapes
Punched tapes
RT Computers
-Data processing
Data storage
Magnetic recording

Computer systems hardware 0902

UF Components (computer system)
Hardware (computer)
NT Computer storage devices
Magnetic tapes
RT Computers
Computer systems programs
Control equipment
Data processing

Computer systems programs 0902

UF Software (computers)
BT Computer programs
RT Computer programming
Computers
Computer systems hardware
Data processing
Programming languages

Concentration 1407

BT Separation techniques
RT Beneficiation
Centrifuges
-Compression
Dilution
Drying
Extraction
Flocculation
Multistage flash distillation
pH
Polarization
Psychology
Purification
Reduction
Separation
Solubility
Sorption

Concentration (sediment)

USE Sediment concentration

Concentration (silt)

USE Sediment concentration

Concentration (stress)

USE Stress concentration

Concrete additives 1303.1

BT Additives
-Chemicals
NT Set-retarding agents
Water-reducing agents
RT Admixtures
Air entraining agents

Air entrainment
Compois
Concrete control
Concrete mixes
Concretes
Concrete technology
Fly ash
Pozzolans
Retarding agents
Salts

Concrete construction 1315

BT Construction
RT Concrete finishing
Concrete placing
Dry pack mortar
PT Cast-in-place structures
Cold weather construction
Concrete control
Concrete dams
Concrete mixes
Concrete pavements
Concrete plants
Concretes
Concrete structures
Concrete technology
Concrete tests
Construction control
Construction joints
Construction materials
Construction methods
Construction plants
Construction practices
Construction joints
Dam construction
Deformed bars
Expansion joints
False set
Formwork (construction)
Lift slab construction
Mass concrete
Posttensioning
Precast concrete
Prepacked concrete
Prestressed concrete
Prestressing
Reinforced concrete
Rigid pavements
Road construction
Screeds
Shotcrete
Slip forms
Thin arch dams

Concrete control 1303.1

BT Construction control
Control
RT Building codes
Cast-in-place structures
Concrete additives
Concrete construction
Concrete mixes
Concrete placing
Concrete plants
Concretes
Concrete technology
Concrete tests
Field control
Field laboratories
Inspection
Mass concrete
Materials control
Mixers
Pumped concrete
Retarding agents
Specifications

Concrete dams 1313.1

BT Concrete structures
Dams
Engineering structures
Navigation dams
NT Arch dams
Buttress dams
Double-curvature arch dams
Multiple arch dams
Thin arch dams
RT Cast-in-place structures
Cofferdams
Concrete construction
Dam construction
Dam design
Dam foundations
Diversion dams
Earth dams
Embedded instruments
Embedded materials
Embedded metal
Forebay dams

CONCRETE MIXES

Gulches
Gravity dams
Lock construction
Masonry dams
Mass concrete
Monoliths
Trial-test method

Concrete finishing 1303.1 1315

BT Finishing
RT Aesthetics
Architectural concrete
Concrete pavements
Concrete placing
Concretes
Concrete structures
Lance
Pavements
Screeds
Surface preparation
Surfaces

Concrete-lined canals 1313.1

BT Canals
Channels
Lined canals
Waterways
RT Bedding materials
Canal construction
Canal design
Concretes
Conveyance structures
Engineering structures
Hydraulic structures
Irrigation canals
Linings
Rigid linings

Concrete linings 1313.1

BT Linings
RT Canal construction
Canal design
Canal linings
Cast-in-place structure
Concretes
Earth linings
Impervious linings
Impervious membranes
Joint fillers
Joints (connections)
Lined canals
Mattresses
Muckacking
Reinforced concrete
Rigid linings
Rigid pavements
Seepage control
Shotcrete
Slope protection
Water tunnels (conveyance)

Concrete masonry 1303

BT Masonry
RT Building materials
Concrete products
Concretes
Concrete structures
Construction materials
Masonry dams
Mortars
Rubble masonry
Stones

Concrete mixes 1303.1

BT Concrete technology
RT Aggregates
Air entraining agents
Batching
Cement-aggregate reaction
Cements
Coarse aggregates
Concrete additives
Concrete construction
Concrete control
Concrete placing
Concrete plants
Concretes
Concrete tests
Construction materials
Dry pack mortar
False set
Lance
Mixers
Mixing
Mixtures
Polymer concretes
Retarding agents
Set-retarding agents
Slump

USE = Use preferred term; UF = Used for; BT = Broader term; NT = Narrower term; RT = Related term.

CONCRETE PAVEMENTS

Concrete mixes (Con.)

Transit mixers
Water-cement ratio
Water-reducing agents
Workability

Concrete pavements 1302.4

BT - Pavements
- Rigid pavements
RT Aprons
Cast-in-place structures
- Concrete construction
Concrete finishing
- Concretes
Flexible pavements
- Highways
Mesh reinforcement
Mudjacking
Paving
- Reinforced concrete
Runways
Slabs

Concrete piles 1313.6

BT - Concrete products
- Concrete structures
- Engineering structures
- Piles (foundations)
NT Cast-in-place piles
RT Batter piles
Bearing piles
Bored piles
Cast-in-place structures
- Concretes
Deformed bars
- Foundations
Friction piles
Pile bearing capacities
Pile caps
- Pile driving
Pile foundations
Pile friction
Prepacked concrete
- Reinforced concrete
Sheet piling
Steel piles
Wooden piles

Concrete pipes 1303

BT - Closed conduits
- Concrete products
- Concrete structures
- Conduits
- Conveyance structures
- Hydraulic structures
- Pipes
RT Asbestos-cement pipes
Autogenous healing
Bedding materials
- Bends (hydraulic)
Cast-in-place pipes
- Concretes
- Conveyance structures
Detorted bars
- Distribution systems
- Drains
Drain tiles
- Engineering structures
Horizontal drains
- Irrigation systems
Pipe cradles
- Pipelines
Piping systems (mechanical)
Pretensioned pipes
- Reinforced concrete
Rigid pipes
Tees
Water pipes

Concrete placing 1303.1

BT - Concrete construction
- Placing
NT Dry pack mortar
RT Air entrainment
Batching
Cast-in-place piles
Cast-in-place pipes
Cast-in-place structures
Concrete control
Concrete finishing
Concrete mixes
Concrete plants
- Concretes
- Construction equipment
- Construction materials
- Curing
Curing compounds
Cyclopeat concrete
- Formwork (construction)
- Grouting

Initial set
Mass concrete
Paving
- Portland cements
Prepacked concrete
Pumped concrete
Screeds
Set-retarding agents
Shotcrete
Slip forms
Slump
Tremie concrete
Vacuum concrete
- Vibrators (mechanical)
Vibratory compaction
Water-cement ratio
Water-reducing agents
Workability

Concrete plants 1303

BT - Construction equipment
- Construction plants
RT Belt conveyors
- Concrete construction
Concrete control
Concrete mixes
- Concrete placing
- Concretes
- Mixers
Transit mixers

Concrete products 1303.1

NT Asbestos-cement pipes
Cast-in-place pipes
- Concrete piles
Concrete pipes
RT Architectural concrete
- Building materials
Concrete masonry
- Concretes
- Concrete technology
- Construction materials
Precast concrete

Concrete properties 1303.1

BT - Properties
RT - Chemical properties
Compressive strength
- Concretes
- Concrete technology
Creep
- Density
Elasticity (mechanical)
Elastic limit
Flexural strength
Heat of hydration
Hydration
- Insulation
- Mechanical properties
Modulus of elasticity
Permeability
- Physical properties
Poisson ratio
Setting (materials)
Shear strength
Slump
Specific gravity
- Tensile strength
- Thermal properties
Workability

Concretes 1303.1

BT - Building materials
- Construction materials
- Materials
NT Architectural concrete
Asbestos cement
Bituminous concretes
Cyclopeat concrete
Dry pack mortar
Expansive concrete
High strength concretes
Lightweight concretes
Mass concrete
Polymer concretes
Precast concrete
Prepacked concrete
Prestressed concrete
Pumped concrete
- Reinforced concrete
Shotcrete
Structural concrete
Tremie concrete
Vacuum concrete
RT - Additives
- Aggregates
Air entrainment
Alkali aggregate reactions
- Asphalts

Autogenous healing
Batching
Bleeding (concrete)
Bonding
Canal linings
Cast-in-place structures
Cement grouts
- Cements
Coarse aggregates
- Coatings
Composite structures
- Concrete additives
- Concrete construction
Concrete control
Concrete finishing
Concrete-lined canals
Concrete linings
Concrete masonry
Concrete mixes
Concrete pavements
- Concrete piles
Concrete pipes
- Concrete placing
Concrete plants
- Concrete products
Concrete properties
- Concrete structures
- Concrete technology
Concrete tests
- Curing
Curing compounds
Dam facings
Efflorescence
Entrapped air
False set
Fly ash
Fog-curing
Initial set
Lightweight aggregates
- Linings
Low alkali cements
Low heat cements
- Masonry
Masonry dams
Mesh reinforcement
- Mortars
- Pavements
Pipe cradles
- Placing
- Portland cements
Pozzolans
Rigid linings
- Rigid pavements
Road design
- Roads
Rubble masonry
Slabs
Slump
Stirrups
Stones
Streets
Terrazzo
Water-reducing agents

Concrete structures 1313

BT - Engineering structures
- Structures
NT - Arch dams
Asbestos-cement pipes
Buttress dams
Cast-in-place pipes
Cast-in-place structures
- Concrete dams
- Concrete piles
Concrete pipes
Concrete tanks
Double-curvature arch dams
Multiple arch dams
Thin arch dams
RT Batties
- Barriers
Breakwaters
- Bridges (structures)
- Buildings
- Bulkheads
Canilevers
- Check structures
Chute blocks
Chutes
Chute spillways
Composite structures
- Concrete construction
Concrete finishing
Concrete masonry
- Concretes
Continuous frames
- Continuous structures
Continuous trusses
- Conveyance structures

THESAURUS OF WATER RESOURCES TERMS

Cylindrical shells
- Dams
Deformed bars
Diversion dams
Diversion structures
- Docks
Drops (structures)
Erection
Expansion joints
Fish barriers
Fish passages
Fishways
Floodgates
- Flumes
High strength steels
- Hydraulic structures
- Intake structures
Jetties
Locks (waterways)
Mill dams
Monoliths
- Outlet works
Overfalls
Penstocks
- Piers
Posttensioning
Precast concrete
Prestressed concrete
- Prestressing
- Reinforced concrete
- Retaining walls
- Shell structures
Silos
Slabs
Small structures
- Spillways
Step-downs
Stilling basins
Stream gaging station
Structural concrete
- Structural design
Surge tanks
- Venturi flumes
Water surface
- Water tanks

Concrete tanks 1313.5

BT - Concrete structures
- Containers
- Engineering structures
- Tanks (containers)
RT Buried structures
Cast-in-place structures
Cisterns
Cylindrical shells
- Reinforced concrete
- Reservoirs
- Storage
- Towers
- Water tanks

Concrete technology 1303.1

NT Concrete mixes
RT - Aggregates
Air entraining agents
Alkali aggregate reactions
Autogenous healing
Bleeding (concrete)
Cast-in-place structures
- Cement-aggregate reaction
- Cements
- Civil engineering
Coarse aggregates
- Concrete additives
- Concrete construction
Concrete control
- Concrete products
Concrete properties
- Concretes
Concrete tests
- Engineering
Expanding cements
Expansive concrete
False set
Fine aggregates
Fog-curing
Heavy media separation
High strength concretes
Laitance
Lightweight concretes
Mass concrete
- Mixers
Polymer concretes
- Portland cements
Pozzolans
Prepacked concrete
- Reinforced concrete
- Retarding agents
Set-retarding agents

THESAURUS OF TERMS

Concrete technology (Con.)

- Steam curing
- Sulfate attack
- Sulfate-resisting cements
- Vacuum concrete
- Vibrators (mechanical)
- Vibratory compaction
- Water-cement ratio
- Water-reducing agents

Concrete tests 1402

- BT - Materials tests
- Tests
- RT Accelerated tests
- Analytical techniques
- Concrete construction
- Concrete control
- Concrete mixes
- Concretes
- Concrete technology
- Embedded instruments
- Field tests
- Freeze-thaw tests
- Laboratory tests
- Nondestructive tests
- Test equipment
- Test facilities
- Test machines
- Test procedures
- Test results
- Test specimens

Condemnation 0504.1

- RT Condemnation value
- Cost repayment
- Easements
- Eminent domain
- Legal aspects
- Litigation
- Right-of-way
- Stream pollution
- Water pollution

Condemnation value 0503

- BT - Value
- RT Compensation
- Condemnation
- Economic impact

Condensation 0704

- NT Dew
- Dropwise condensation
- RT Advection
- Air conditioning
- Chemistry of precipitation
- Climatology
- Clouds
- Cloud seeding
- Cooling
- Dewatering
- Distillation
- Drops (fluids)
- Evaporation
- Fog
- Frost
- Meteoric water
- Meteorological data
- Meteorology
- Microclimatology
- Microenvironment
- Nucleation
- Nuclei
- Precipitation (atmospheric)
- Precipitation (chemistry)
- Raindrops
- Refrigeration
- Separation
- Separation techniques
- Smog
- Steam
- Sublimation
- Supercooling
- Water vapor

Condensers (electrical)

- USE Capacitors

Condensers (liquefiers) 1309

- BT - Equipment
- RT - Compressors
- Cooling systems
- Desalination apparatus
- Distillation
- Dryers
- Evaporators
- Feed water
- Heat exchangers
- Multistage flash distillation

Condensers (synchronous)

- USE Electrical equipment

Conducance (electrical)

- USE Electrical conductance

Conducance (heat)

- USE Thermal conductivity

Conducance (thermal)

- USE Thermal conductivity

Conduction 2013

- BT - Transport phenomena
- RT Attenuation
- Conductivity
- Convection
- Healing
- Heat transfer
- Heat transmission
- Preheating
- Radiation
- Refraction
- Thermal diffusion

Conduction (electric)

- USE Electrical conductance

Conduction (heat)

- USE Thermal conductivity

Conduction (hydraulic)

- USE Hydraulic conductivity

Conduction (thermal)

- USE Thermal conductivity

Conductivity 1407

- BT - Physical properties
- NT Capillary conductivity
- Electrical resistivity
- Hydraulic conductivity
- Superconductivity
- Thermal conductivity
- RT Conduction
- Electrical conductance
- Electrical insulation
- Electrical properties
- Electrical studies
- Electrolytes
- Fluid flow
- Permeability
- Resistance
- Resistivity
- Retardance
- Soil chemical properties
- Soil physical properties
- Thermal insulation
- Water properties

Conductivity (electrical)

- USE Electrical conductance

Conductivity (heat)

- USE Thermal conductivity

Conductivity (hydraulic)

- USE Hydraulic conductivity

Conductivity (thermal)

- USE Thermal conductivity

Conductors

- USE Electric conductors

Conduits 1313.1 1313.5

- UF Water mains
- BT - Conveyance structures
- Hydraulic structures
- NT Adits
- Aqueducts
- Asbestos-cement pipes
- Buried pipes
- Canals
- Capillary tubes
- Cast-in-place pipes
- Cast iron pipe
- Clay pipes
- Closed conduits
- Concrete pipes
- Corrugated metal pipe
- Culverts
- Diversion tunnels
- Draft tubes
- Drain tiles
- Earth-lined canals
- Flexible pipes
- Flexible tubing
- Flumes

Hydraulic conduits

- Laterals
- Lined canals
- Metal pipes
- Noncircular conduits
- Penstocks
- Pipelines
- Pipes
- Pilot tubes
- Plastic pipes
- Plastic tubing
- Pressure conduits
- Pressure pipes
- Pressure tunnels
- Pretensioned pipes
- Rectangular conduits
- Reinforced plastic pipe
- Rigid pipes
- Rigid tubing
- Sewers
- Siphons
- Steel pipes
- Submarine pipelines
- Trapezoidal flumes
- Tubes
- Tunnels
- Unlined canals
- Unlined tunnels
- Vortex tubes
- Water tunnels (conveyance)
- Water tunnels (testing)
- RT Buried irrigation systems
- Bypasses
- Cavitation
- Channel flow
- Channels
- Dams
- Ditches
- Diversion structures
- Diversion works
- Drains
- Flow
- French drains
- Hydraulics
- Inflow
- Intakes
- Intake structures
- Interbasin water transfers
- Irrigation engineering
- Manholes
- Open channels
- Outlet works
- Running waters
- Sluices
- Storm drains
- Sublaterals
- Water conveyance

Cones (alluvial)

- USE Alluvial deposits

Cones (mathematics) 1201 1409

- BT - Geometric shapes
- RT Geometry
- Prisms
- Spheres

Conferences 0502

- UF Conventions
- Symposia
- RT - Documentation
- International hydrological decade
- Organizations
- Publications
- Scientific societies
- Technical societies

Configuration 1407

- RT Contours
- Distribution
- Molecular structure
- Morphology
- Profiles
- Shape
- Structural shapes
- Surfaces

Confined aquifers

- USE Aquifers

Confined groundwater

- USE Confined water

Confined water 0808.1

- UF Confined groundwater
- BT - Groundwater
- Subsurface waters
- Water
- Water types

CONIFERS

- RT Aquicludes
- Aquifers
- Artesian aquifers
- Artesian wells
- Compressibility
- Percolating water
- Potentiometric level
- Pressure
- Springs (water)
- Strip aquifers
- Theis equation
- Theims equation
- Underground streams

Confinement pens 0205

- RT Farm management
- Farm wastes
- Livestock

Confining beds

- USE Aquicludes

Confining pressure 2011

- BT - Pressure
- RT Dilatation
- Lateral forces
- Triaxial loads
- Triaxial tests

Conglomerate rocks 0807

- BT - Rocks
- Sedimentary rocks
- RT Sandstone

Coniferous forests 0206

- BT - Biomes
- Forests
- RT - Coniferous trees
- Conifers
- Douglas fir trees
- Fir trees
- Forestry
- Gymnosperms
- Hardwood
- Hemlock trees
- Juniper trees
- Loblolly pine trees
- Mixed forests
- Pine trees
- Portulots
- Ponderosa pine trees
- Red fir trees
- Red pine trees
- Red podzolic soils
- Softwood
- White-cedar trees
- Yellow pine trees
- Yellow podzolic soils

Coniferous trees 0603.1

- BT - Conifers
- Gymnosperms
- Plants (botany)
- Trees
- NT Balsam fir trees
- Bristlecone pine trees
- Douglas fir trees
- Fir trees
- Grand fir trees
- Hemlock trees
- Jack pine trees
- Juniper trees
- Loblolly pine trees
- Lodgepole pine trees
- Noble fir trees
- Pacific silver fir trees
- Pine trees
- Pinyon pine trees
- Ponderosa pine trees
- Red fir trees
- Red pine trees
- Scotch pine trees
- White-cedar trees
- White fir trees
- White pine trees
- Yellow pine trees
- RT Coniferous forests
- Forestry
- Hardwood
- Plant groupings
- Softwood

Conifers 0603.1

- BT - Gymnosperms
- Plants (botany)
- NT Balsam fir trees
- Bristlecone pine trees
- Coniferous trees

CONJUNCTIVE USE

Conifers (Con.)

- Douglas fir trees
- Fir trees
- Grand fir trees
- Hemlock trees
- Jack pine trees
- Juniper trees
- Loblolly pine trees
- Lodgepole pine trees
- Noble fir trees
- Pacific silver fir trees
- Pine trees
- Pinyon pine trees
- Ponderosa pine trees
- Red fir trees
- Red pine trees
- Scotch pine trees
- White-cedar trees
- White fir trees
- White pine trees
- Yellow pine trees
- RT -Coniferous forests
- Shrubs

Conjunctive use 0808 2

(simultaneous use of ground and surface water supplies)

- RT -Aquifers
- Economics
- Groundwater
- Optimum development plans
- Subsurface waters
- Surface-groundwater relationships
- Surface waters
- Water management (applied)
- Water resources development
- Water storage
- Water supply
- Water utilization

Connate water 0808 1

- RT -Subsurface waters
- Water
- Water types
- RT -Groundwater
- Juvenile water
- Meteoric water
- Phreatic water
- Pores
- Porous media
- Rocks
- Saline water
- Water sources

Connected joints (pin)

USE Pin connected joints

Connecticut 0806

- BT -Geographical regions
- States (geographical)

Connectors (electrical) 0901

- RT -Couplings
- Electric terminals
- Fasteners

Connectors (mechanical) 1305

- RT -Adapters
- Air circulation
- Couplings
- Dowels
- Fasteners
- Fillings
- Flanges
- Flexible couplings
- Hinges
- Hooks
- Hose fittings
- Joints (connections)
- Pin connected joints

Conservation 1407

- NT -Fish conservation
- Resource conservation
- Soil conservation
- Water conservation
- Wildlife conservation
- RT -Adoption of practices
- Cultivation
- Demonstration farms
- Demonstration watersheds
- Development farms
- Dissipation
- Economics
- Erosion control
- Experimental farms
- Forest management
- Grassed waterways
- Grasslands

- Land management
- Land reclamation
- Land resources
- Mountain forests
- National forests
- National parks
- Natural resources
- Parks
- Pasture management
- Preservation
- Project purposes
- Range management
- Ranges
- Reclamation
- Resources
- Riparian plants
- Scenery
- Shelterbelts
- Water resources development
- Weather modification

Consistency 1407

- NT -Relative consistency
- RT -Accuracy
- Atterberg limits
- Coefficients
- Errors
- Hardness
- Performance
- Plasticity
- Plasticity index
- Plastic limits
- Reliability
- Reproducibility
- Soil plasticity
- Soil properties
- Stiffness
- Tolerances (mechanics)
- Variability

Consolidation 1407

- NT -Overconsolidation
- Preconsolidation
- Underconsolidation
- RT -Beds (geology)
- Compaction
- Compressibility
- Compressible soils
- Compression
- Compression curves
- Deformation
- Densification
- Density
- Differential settlement
- Embankment subsidence
- Landslide
- Land subsidence
- Rebound
- Reduction
- Settlement (structural)
- Shallow subsidence
- Soil consolidation tests
- Soil mechanics
- Soil shrinkage
- Stability
- Stabilization
- Strain
- Subsidence
- Surcharge
- Volume change

Consolidation tests (soil)

USE Soil consolidation tests

Constraints 1407

- NT -Institutional constraints
- Political constraints
- RT -Budgeting
- Contracts
- Dynamic programming
- Linear programming
- Operations research
- Ranges
- Stochastic models

Constrictions 1407

- RT -Barriers
- Clogging
- Closing
- Closures
- Contraction
- Obstruction
- Plugs
- Retarding
- Seals (stoppers)

Construction 1315

Use of a more specific term

is recommended

- UT -Building
- RT -Bridge construction
- Canal construction
- Cold weather construction
- Concrete construction
- Dam construction
- Erection
- Foreign construction
- Lift slab construction
- Reservoir construction
- Road construction
- Tunnel construction
- Tunneling
- Underwater construction
- RT -Architecture
- Building codes
- Customs
- Civil engineering
- Construction control
- Construction costs
- Construction equipment
- Construction joints
- Construction management
- Construction materials
- Construction methods
- Construction plants
- Construction practices
- Earth handling equipment
- Earthworks
- Engineering services
- Engineering structures
- Excavation
- Explosive construction
- Explosive excavation
- Explosives
- Fabrication
- Field control
- Foreign activities
- Foundations
- Girders
- Grading (earthwork)
- Grout curtains
- Grouting
- Helicopters
- High explosives
- Hydraulic fill dams
- Installation
- Maintenance
- Nuclear explosions
- Paving
- Phase studies
- Pile driving
- Piling
- Prefabrication
- Preloading
- Prestressed concrete
- Progress reports
- Public works
- Pudding
- Quality control
- Quarrying
- Rapid excavation
- Rigid foundations
- River crossings
- Rock fills
- Sheathing
- Small structures
- Soil compaction
- Sonic pile driving
- Specifications
- Underwater excavation
- Vibratory compaction
- Vibratory pile driving
- Welding
- Wellpoints
- Work

Construction control 1315

- BT -Control
- NT -Concrete control
- RT -Arrow diagrams
- Compaction tests
- Concrete construction
- Construction
- Construction management
- Construction methods
- Construction practices
- Critical path method
- Dam construction
- Dam failure
- Dam stability
- Erection
- Field control
- Field laboratories
- Field tests
- Inspection
- Lifts (construction)
- Materials engineering

- Optimum moisture content
- Proctor curves
- Quality control
- Relative density
- Road construction
- Selected materials
- Slump
- Specifications

Construction costs 1401

- BT -Costs
- RT -Adjusted costs
- Administrative costs
- Alternative costs
- Benefit-cost analysis
- Benefit-cost ratios
- Benefit-cost theory
- Capital costs
- Comparative costs
- Construction
- Construction management
- Construction methods
- Construction practices
- Contingency costs
- Cost allocation
- Cost analysis
- Cost indexes
- Cost trends
- Deferred costs
- Direct costs
- Engineering economy
- Equipment costs
- Estimated costs
- Fixed costs
- Indirect costs
- Initial costs
- Intangible costs
- Joint costs
- Labor costs
- Maintenance costs
- Operating costs
- Overhead costs
- Real costs
- Replacement costs
- Separable costs
- Tangible costs
- Total costs

Construction equipment 1303

- BT -Equipment
- NT -Asphalt plants
- Bulldozers
- Cranishells
- Compaction equipment
- Concrete plants
- Cranes (hoists)
- Draglines
- Dredges
- Drum rollers
- Earth handling equipment
- Excavators
- Mixers
- Overhead cranes
- Packers (grouting)
- Pneumatic tied rollers
- Rock crushers
- Rollers
- Scarifiers
- Screeds
- Sheepsfoot rollers
- Tamping rollers
- Tractors
- Transit mixers
- Traveling cranes
- Tunneling machines
- Wellpoints
- Wheel excavators
- RT -Air compressors
- Bell conveyors
- Cold weather construction
- Concrete placing
- Construction
- Conveyors
- Diesel engines
- Drilling equipment
- Earthmoving
- Garages
- Hauling
- Hoisting machinery
- Ladders
- Mobile equipment
- Obsolete equipment
- Prime movers
- Rapid excavation
- Scaffolds
- Shovels
- Skip forms

THESAURUS OF TERMS

Construction joints 1305

- UF Joints (construction)
- BT Joints (connections)
- RT Vertical joints
- RT Circumferential joints
- Concrete construction
- Construction
- Contraction joints
- Dowels
- Expansion joints
- Horizontal joints
- Joint fillers
- Keyways
- Lifts (construction)
- Longitudinal joints
- Masonry
- Moistureproofing
- Slabs
- Transverse joints
- Water stops

Construction management 0501 1315

- BT -Management
- RT -Administration
- Construction
- Construction control
- Construction costs
- Construction methods
- Construction practices
- Contract administration
- Employee relations
- Engineering costs
- Engineering evaluation
- Engineering personnel
- Maintenance personnel
- Negotiations
- Personnel
- Personnel management

Construction materials 1303

- Use of a more specific term is recommended
- BT -Materials
- NT -Aggregates
- Architectural concrete
- Asbestos cement
- Asphalts
- Bedding materials
- Bituminous concretes
- Borrow materials
- Boulders
- Bricks
- Building materials
- Ceramic materials
- Coarse aggregates
- Cobbles
- Composite materials
- Concretes
- Crushed stone
- Cyclopean concrete
- Dry pack mortar
- Earth materials
- Enamels
- Epoxy mortar
- Expansive concrete
- Fiberboards
- Fine aggregates
- Glass
- Gravels
- High-bond reinforcing bars
- High strength concretes
- Lacquers
- Lightweight concretes
- Lime
- Low alloy steels
- Low carbon steel
- Lumber
- Marble
- Mastics
- Mesh reinforcement
- Mortars
- Nails
- Paints
- Plaster
- Plastics
- Plywoods
- Polymer concretes
- Precast concrete
- Prepacked concrete
- Prestressed concrete
- Pumped concrete
- Reinforced concrete
- Reinforcing materials
- Reinforcing steels
- Riprap
- Roofing materials
- Rubber
- Sands

- Selected materials
- Shotcrete
- Soil asphalt
- Soil cement
- Soils
- Stainless steel
- Steel
- Stones
- Structural concrete
- Structural steel
- Tiles
- Timbers
- Tremie concrete
- Vacuum concrete
- Varnishes
- Wood

- RT Architecture
- Base courses
- Beams (structural)
- Binders
- Bolts
- Borrow areas
- Brick masonry
- Building codes
- Building design
- Buildings
- Catalytically blown asphalt
- Cationic asphalt emulsions
- Cements
- Clay masonry
- Cold weather construction
- Concrete construction
- Concrete masonry
- Concrete mixes
- Concrete placing
- Concrete products
- Construction
- Engineering structures
- Fabrication
- High strength steels
- Masonry
- Mass concrete
- Materials failure
- Metals
- Pipe design
- Quarries
- Reinforcement
- Resilience
- Road design
- Rubble masonry
- Small structures
- Specifications
- Stirrups
- Structural members
- Wood preservatives

Construction methods 1315

- NT Explosive construction
- Lift slab construction
- Puddling
- RT Architecture
- Building codes
- Cold weather construction
- Concrete construction
- Construction
- Construction control
- Construction costs
- Construction management
- Construction plants
- Construction practices
- Contract administration
- Dam construction
- Erection
- Lifts (construction)
- Pumped concrete
- Rapid excavation
- Slip forms
- Sonic pile driving
- Specifications
- Structural engineering

Construction plants 1303

- NT Asphalt plants
- Concrete plants
- RT -Concrete construction
- Construction
- Construction methods
- Construction practices
- Dam construction

Construction practices 1315

- RT -Concrete construction
- Construction
- Construction control
- Construction costs
- Construction management
- Construction methods
- Construction plants
- Contract administration

- Dam construction
- Erection
- Explosive construction
- Lifts (construction)
- Lift slab construction
- Specifications

Consulting engineers 0509

- BT -Engineering
- Engineering personnel
- Personnel
- Professional personnel
- Technologists
- RT Engineering services
- Management

Consumers 0503

- NT Water users
- RT -Consumption
- Gross national product
- Marketing
- Production
- Production planning
- Purchasing
- Sales

Consumption 1407

- NT Water consumption
- RT Commerce
- Consumers
- Depletion
- Sales

Consumptive use (water) 0808

- UF Water consumption (plants)
- RT Beneficial use
- Circulation (plants)
- Crop production
- Crop response
- Demand (irrigation systems)
- Depletion
- Diversion losses
- Duty of water
- Effective precipitation
- Evaporation
- Evapotranspiration
- Evapotranspirometers
- Excess water (soils)
- Growing period
- Hydrology
- Irrigation water
- Moisture uptake
- Non-consumptive use
- Phreatophytes
- Preferences (water rights)
- Return flow
- Riparian plants
- Transpiration
- Water loss
- Water requirements

Containers 1304

- UF Boxes
- Cans
- NT Autoclaves
- Bins
- Buckets
- Cisterns
- Concrete tanks
- Digestion tanks
- Drums
- Evaporation tanks
- Hoppers
- Pressure vessels
- Sedimentation tanks
- Silos
- Storage tanks
- Tanks (containers)
- Vessels
- Water tanks
- RT -Cells
- Disposal
- Envelopes
- Materials handling equipment
- Storage
- Waste disposal

Contamination 1407

- NT Radioactive contamination
- Soil contamination
- RT Acid streams
- Air pollution
- Decontamination
- Detritious materials
- Diseases
- Disposal
- Fouling
- Impurities
- Industrial wastes

CONTINUOUS FRAMES

- Poisons
- Pollutants
- Public health
- Purification
- Sewage disposal
- Soil contamination effects
- Thermal pollution
- Toxicity
- Toxic waste disposal
- Treatment facilities
- Wastes
- Water pollution

Contamination (air)

USE Air pollution

Contamination (radiological)

USE Radioactive contamination

Contamination (river)

USE Stream pollution

Contamination (stream)

USE Stream pollution

Contamination (water)

USE Water pollution

Continental margin 0810

- BT -Land forms
- NT Continental shelf
- Continental slope
- RT Coasts
- Structural geology

Continental shelf 0810

- BT -Continental margin
- Land forms
- RT Continental slope
- Littoral zone
- Marine geology
- Neritic
- Ocean bottom
- Oceans
- Slopes
- Structural geology
- Tidal waters

Continental slope 0810

- BT -Continental margin
- Land forms
- Slopes
- RT Continental shelf
- Marine geology
- Oceans
- Structural geology
- Turbidity currents

Contingency costs 1401

- BT -Costs
- RT Associated costs
- Construction costs
- Electric power costs
- Labor costs

Continuity equation 2004

- BT -Equations
- RT -Flow
- Fluid dynamics
- Hydraulic jump
- Hydraulics
- Momentum equation

Continuous beams 1313.5

- UF Continuous girders
- BT -Beams (structural)
- Continuous structures
- Structural members
- RT Box beams
- Bridges (structures)
- Buildings
- Structural design

Continuous frames 1313.5

- BT -Continuous structures
- Frames
- RT -Bridges (structures)
- Buildings
- Concrete structures
- Continuous trusses
- Space frames
- Steel structures
- Structural design
- Structural members
- Wooden structures

Continuous girders

USE Continuous beams

CONTINUOUS STRUCTURES

Continuous grazing

USE Grazing

Continuous structures 1313.5

- BT - Structures
- NT Continuous beams
- Continuous frames
- Continuous trusses
- RT - Bridges (structures)
- Buildings
- Concrete structures
- Steel structures
- Structural design
- Structural members
- Wooden structures

Continuous trusses 1313.5

- BT - Continuous structures
- Trusses
- RT - Buildings
- Concrete structures
- Continuous frames
- Steel structures
- Structural design
- Structural members
- Truss bridges
- Wooden structures

Contour farming 0203

- BT - Control
- Cultivation
- Erosion control
- Land management
- Soil management
- RT Contour furrows
- Contours
- Dry land farming
- Farm management
- Furrows
- Grassed waterways
- Land forming
- Soil conservation
- Strip cropping
- Terraces
- Terracing
- Water storage

Contour furrows 0203

- BT - Ditches
- Furrows
- RT Contour farming
- Drainage systems
- Dry land farming
- Farm management
- Furrow irrigation

Contour mapping

USE Topographic mapping

Contours 1407

- RT Agricultural engineering
- Bathymetry
- Configuration
- Contour farming
- Depth
- Elevation
- Flow control
- Isobars
- Isohyets
- Isotherms
- Land forming
- Profiles
- Roughness
- Shape
- Smoothness
- Soil conservation
- Strip cropping
- Structural geology
- Topographic mapping
- Topography

Contract administration 0501

- UF Extra work orders
- BT - Administration
- Management
- NT Bids
- Change orders
- Claims (contracts)
- RT - Agreements
- Competitive bidding
- Construction management
- Construction methods
- Construction practices
- Contracting
- Contracting officers
- Contracts
- Engineers estimates
- Incentives
- Legal aspects

- Negotiations
- Performance
- Procurement
- Specifications
- Standards
- Supply contracts

Contracting 0501

- UF Contractors
- BT - Administration
- RT Bids
- Claims (contracts)
- Contract administration
- Contracting officers
- Contracts
- Legal aspects
- Negotiations
- Procurement
- Supply contracts

Contracting officers 0501

- RT - Contract administration
- Contracting
- Contracts
- Legal aspects
- Negotiations
- Performance
- Specifications
- Standards

Contraction 1407

- RT Constructions
- Cooling
- Expansion
- Internal forces
- Nappe
- Nozzles
- Orifices
- Precooling
- Reduction
- Relaxation (mechanics)
- Retarding
- Shrinkage
- Stiffening
- Strain
- Sudden enlargements
- Taper
- Transitions (structures)
- Vena contracta
- Venturi flumes
- Venturi meters
- Weirs

Contraction joints 1305

- BT - Joints (connections)
- RT Circumferential joints
- Concrete construction
- Construction joints
- Dowels
- Expansion joints
- Joint fillers
- Keyways
- Longitudinal joints
- Slabs
- Transverse joints
- Vertical joints

Contractors

USE Contracting

Contracts 0501 0503

- UF Contracts (engineering)
- Engineering contracts
- NT Change orders
- Claims (contracts)
- Repayment contracts
- Supply contracts
- RT - Agreements
- Attolments
- Benefits
- Bids
- Competitive bidding
- Constraints
- Contract administration
- Contracting
- Contracting officers
- Economics
- Engineers estimates
- Foreign products
- Grants
- Guarantees
- Institutional constraints
- Leases
- Legal aspects
- Litigation
- Negotiations
- Procurement
- Projects
- Public works

- Purchasing
- Real property
- Repayment
- Specifications
- Wages
- Working conditions

Contracts (engineering)

USE Contracts

Control 1407

Use of a more specific term is recommended

- NT Air pollution control
- Algal control
- Animal control
- Anodic protection
- Aquatic weed control
- Automatic control
- Biocontrol
- Brush control
- Cathodic protection
- Cavitation control
- Chemical control
- Concrete control
- Construction control
- Conlour farming
- Corrosion control
- Cultural control
- Dust control
- Erosion control
- Evaporation control
- Evapotranspiration control
- Field control
- Fish guiding
- Flood control
- Flow control
- Gale control
- Geologic control
- Governors
- Insect control
- Load-frequency control
- Manual control
- Materials control
- Mechanical control
- Pest control
- Phase control
- Physical control
- Pollution control
- Quality control
- Rapid compaction control
- Remote control
- Sediment control
- Seepage control
- Statistical quality control
- Supervisory control (power)
- Temperature control
- Transpiration control
- Water control
- Water pollution control
- Water quality control
- Weed control
- RT - Abatement
- Controlled drainage
- Control structures
- Control systems
- Coordination
- Critical path method
- Electric wiring
- Industrial production
- Inspection
- Instrumentation
- Integrated control measures
- Licenses
- Monitoring
- Operations
- Permits
- Pesticides
- Plant growth regulators
- Plant growth substances
- Preservation
- Productivity
- Regulation
- Retardance
- Scheduling
- Stabilization
- Standards
- Succession
- Vegetation
- Voltage regulation
- Watershed management
- Weirs

Control (rapid compaction)

USE Rapid compaction control

Control (soil erosion)

USE Soil erosion

Control equipment 1309 1402

- NT Airblast circuit breakers
- Air switches
- Circuit breakers
- Disconnecting switches
- Electric relays
- Electric switches
- Interruption
- Interruption switches
- Pressure regulators
- Relief valves
- Servomechanisms
- Thermostats
- Voltage regulators
- RT Actuators
- Automatic control
- Automation
- Computer systems hardware
- Control systems
- Field control
- Field laboratories
- Governors
- Manual control
- Nonlinear systems
- Pneumatic systems
- Recording systems

Controlled drainage 0808.1

- BT - Drainage
- RT - Control
- Drainage engineering
- Drainage practices
- Drainage systems

Control structures 1313.1

(limited to water control structures)

- BT - Engineering structures
- Hydraulic structures
- Structures
- RT Backwater profiles
- Check dams
- Check structures
- Chute spillways
- Closed conduit spillways
- Culterdams
- Control
- Dams
- Dentated sills
- Diversion dams
- Emergency closures
- Flip buckets
- Floodgates
- Floodways
- Intake structures
- Jetties
- Outlet works
- Spillways
- Water control
- Water surface
- Water surface profiles

Control systems 1309 1402

- RT Automatic control
- Automation
- Control
- Control equipment
- Detectors
- Electrical equipment
- Electronic equipment
- Feedback
- Governors
- Instrumentation
- Materials control
- Mechanical control
- Monitoring
- Nonlinear systems
- Pneumatic systems
- Pressure regulators
- Protective relaying
- Pumps
- Recording systems
- Regulation
- Remote control
- Scheduling
- Sensors
- Servomechanisms
- Telemetry
- Water management (applied)
- Water resources management

Convection 2013

- BT - Circulation
- Movement
- Transport phenomena
- RT Advection
- Air circulation
- Atmosphere
- Benard cells
- Boundary processes

THESAURUS OF TERMS

Convection (Con.)

-Clouds
Conduction
Convection clouds
Crop response
-Currents (water)
-Cycles
Dispersion
-Energy transfer
-Fluid dynamics
-Heat
-Heating
Heat transfer
Heat transmission
Mass transfer
Mixing
Mixing length
-Movement
Preheating
Thermal stratification
-Water circulation

Convection (heat)

USE Thermal conductivity

Convection clouds 0402

BT -Clouds
RT Cloud physics
Convection
-Meteorology
thunderstorms
Weather

Conventions

USE Conferences

Converging flow 2004

BT -Flow
-Movement
RT Approach channels
Backwater
-Drawdown
Open channel flow
-River flow
Wakes

Conversion 1407

NT Energy conversion
RT -Chemical reactions
Combustion
Design improvements
Design modifications
-Digestion
-Liquefaction
Preheating
-Processing
-Transformations

Conversion (saline water)

USE Demineralization

Conversion (salt water)

USE Demineralization

Conversion (sea water)

USE Demineralization

Converters (digital-to-analog)

USE Digital to analog converters

Converters (electrical) 0905

UF Electric converters
BT -Electrical equipment
NT Frequency converters
RT Amplifiers
Direct current
-Electric current
-Electric generators
-Electric power
Induction motors
-Inverters
Power supplies
Rectifiers
Signal generators
Substations (electrical)
Switchyards (electrical)
Terminal facilities (electrical)
-Transmission (electrical)

Conveyance (water)

USE Water conveyance

Conveyances 1309

RT -Aircraft
Automobiles
Belt conveyors
Blowers
-Conveyors
-Disposal
Elevators

Feeders
Hauling
Skids
Sleds
Tramways
-Transportation

Conveyance structures 1313

BT -Hydraulic structures
-Structures
NT Aqueducts
-Canals
Chutes
Clay pipes
-Closed conduits
Concrete pipes
-Conduits
Diversion tunnels
Earth-lined canals
-Flumes
-Irrigation canals
-Laterals
-Lined canals
Metal pipes
-Noncircular conduits
Penstocks
-Pipelines
Plastic pipes
Pressure conduits
Pressure tunnels
Rectangular conduits
Siphons
Sluices
Steel pipes
Sublaterals
-Tunnels
RT Bypasses
Concrete-lined canals
Concrete pipes
-Concrete structures
-Ditches
Foodways
Metal pipes
-Outlet works
Plastic pipes
Public works
Sewers
Steel pipes
Trapezoidal channels
Trapezoidal flumes
-Tubes
Water control
Water conveyance
Water plans
-Water tunnels (conveyance)

Conveyors 1309

BT -Equipment
-Materials handling equipment
NT Belt conveyors
RT Chutes
-Construction equipment
Conveyances
-Earth handling equipment
Earthmoving
Elevators
Feeders
Hauling
-Rollers
Skids
Tramways
Wheel excavators

Coolants 1301

RT Air conditioning
Brines
-Cooling
Cooling systems
Dry ice
-Ice
Nuclear reactors
Precooling
Refrigerants
Refrigeration
Temperature control
Water cooling

Cooling 1301

BT -Transport phenomena
NT Supercooling
Water cooling
RT Ablation
Air conditioning
-Condensation
Contraction
Coolants
Cooling systems
Cryology
-Environmental engineering

Fans
Fins
-Freezing
Heat balance
-Heating
Heat transfer
Melting
Preheating
-Processing
Quenching
Radiators
Refrigeration
Refrigerators
-Subsidence
-Thermal analysis
Thermal stress
Ventilation
Vortex tubes
Wetting

Cooling systems 1301

RT Absorbers
Air circulation
Air conditioning
Blowers
Boils
-Compressors
Condensers (liquefiers)
Coolants
-Cooling
Cooling towers
Ducts
-Evaporators
Fans
Heat exchangers
Heat pumps
Piping systems (mechanical)
Radiators
Refrigerants
Refrigerators
Ventilation
Vents
Water cooling

Cooling towers 1301

BT -Engineering structures
RT Air conditioning
Cooling systems
-Equipment
Fins
Heated water
Hydroelectric powerplants
Precooling
Water cooling
Water recirculation

Cooling water 1301

UF Industrial cooling
BT -Water
-Water types
RT Artificial use
Calcification
-Industrial water
Reasonable use
-Riparian rights
Water pollution sources

Cooperation 1407

RT Cooperatives
Coordination
Federal-state cooperation

Cooperatives 0503

BT -Organizations
RT Cooperation
-Economics
Interstate
Trade associations

Coordinate indexing 0502

BT -Indexing
-Subject indexing
RT -Documentation
Information retrieval

Coordinates 1201

NT Grid systems
RT -Algebra
Geometry
-Mapping
Position finding
-Surveying

Coordination 0501

RT -Administration
-Control
Cooperation
Correlation
-Management

CORE DRILLING

Organizing
-Planning
Scheduling
Supervision
Systems engineering

Copepods 0603.2

BT -Animals
-Aquatic animals
-Aquatic life
-Crustaceans
-Invertebrates

Copolymers C703

BT -Chemical compounds
-Organic compounds
PT -Composite materials
-Elastomers
-Plastics
Polymers
-Styrene resins
-Synthetic resins

Copper 0702

BT -Chemical elements
-Metals
RT Brass
-Copper alloys
-Copper compounds
Copper tubing
-Mines

Copper alloys 1106

BT -Alloys
-Metals
NI Brass
RT Copper

Copper compounds 0702 0703

BT -Chemical compounds
NT Copper sulfate
RT Copper

Copper sulfate 0702

BT -Chemical compounds
-Copper compounds
-Inorganic compounds
-Sulfates
-Sulfur compounds
RT Algicides
-Inorganic pesticides
-Pesticides

Copper tubing 1311

BT -Tubes
RT Coils
Compression fittings
Copper
-Pipes
Piping systems (mechanical)
Plastic tubing
Rigid pipes
-Rigid tubing
Rubber tubing

Coral 0603.2 0801

BT -Animals
-Aquatic animals
-Aquatic life
-Invertebrates
-Marine animals
RT Atolls
-Calcium carbonate
-Carbonate rocks
Reefs

Corbels 1313.5

BT -Structural members
RT Architecture
Cantilevers

Core drilling 1302

UF Diamond bits
BT -Drilling
RT Boreholes
Boring
Calyx drills
Cores
Denison samplers
Drilling fluids
Drive samplers
Recovery
Rotary drilling
-Rotating machines
-Samplers
-Sampling
Test holes

CORES

Coregonus species
USE Cisco

Cores 0807
RT Boreholes
- Borings
- Cavity drills
- Core drilling
- Denison samplers
- Disturbed samples
- Drive samplers
- Logging (recording)
- Recovery
- Samples
- Sampling
- Test holes
- Undisturbed samples

Cores (electromagnetic)
USE Electromagnets

Cores (magnetic)
USE Electromagnets

Coriolis force 2011
RT Rotation
- Wind (meteorology)

Cork 1112
RT Acoustic insulation
Floals
- Wood

Corn (field) 0204
UF Zea mays
BT - Agronomic crops
- Cereal crops
- Crops
- Field crops
- Grasses
- Monocots
- Plants (botany)
RT Grains (crops)
Silage
Sweet corn

Corn (pop)
USE Popcorn

Corn (sweet)
USE Sweet corn

Corn belt 0806
BT - Geographical regions
- Regions
NT Illinois
Indiana
Iowa
Minnesota
Missouri
Nebraska
Ohio
South Dakota
Wisconsin
RT Agricultural watersheds
Chernozems
Watershed management

Coronas (electric)
USE Electric coronas

Correction 1407
RT Accuracy
Alignment
Design improvements
Design modifications
Editing
Errors

Correlation 1407
RT Computer models
Coordination
Correlation analysis
Correlation techniques
- Evaluation
- Forecasting
- Least squares method
- Mathematical models
- Multiple regression
- Numerical analysis
- Optimization
- Probability theory
- Quality control
- Regression analysis
- Standard deviation
- Statistical analysis
- Time series analysis
- Variability

Correlation analysis 1201
BT - Analysis
- Mathematical analysis
- Mathematical studies
- Statistical analysis
RT Correlation
Correlation techniques
Least squares method
Regression analysis
Variability

Correlation techniques 1201
RT Correlation
Correlation analysis
Curve fitting
Least squares method
Multiple regression
- Quality control
- Regression analysis
- Statistical analysis

Corrosion 1113
NT Atmospheric corrosion
- Galvanic corrosion
- Rusting
Scale (corrosion)
Sea water corrosion
Stray current corrosion
Stress corrosion
Underground corrosion
Underwater corrosion
RT Aging (physiol)
Anodic protection
Buried metalwork
Cathodic protection
Cavitation
- Chemical degradation
- Chemical properties
- Chemical reactions
- Chemical stability
- Corrosion control
Corrosion currents
Corrosion environments
Corrosion resistance
Corrosion tests
- Damages
- Degradation
- Degradation (decomposition)
Deterioration
Electrochemistry
Electrolysis
Etching
- Failure
Fatigue (materials)
Galvanizing
Metal coatings
Mill scale
Oxidation
Pipe linings
Pitting
- Protective coatings
- Saline water
Scaling
- Sulfate reducing bacteria
- Surface properties
Weathering
Well liners

Corrosion control 1113
UF Anticorrosion materials
Corrosion prevention
Corrosion protection
Corrosion reduction
BT - Control
NT Anodic protection
Cathodic protection
Rust control
RT Buried metalwork
Chemical stability
Coal tar coating
- Corrosion
Corrosion resistance
Deterioration
- Galvanic corrosion
Galvanizing
Inhibition
- Linings
Metal coatings
- Pipelines
Pipe wrappings
Preservation
- Protective coatings
Soil chemistry
Stainless steel
Underground corrosion
Underwater corrosion
- Water treatment
Weatherproofing
Well casings

Well filters
Well screens

Corrosion currents 1113
BT - Electric current
RT Anodic protection
Cathodic protection
- Corrosion
Corrosion environments
- Galvanic corrosion
Ground currents
Soil resistivity
Stray current corrosion
Underground corrosion

Corrosion environments 1113
RT Anaerobic soils
Atmospheric corrosion
Cavitation
- Corrosion
Corrosion currents
Corrosion resistance
Corrosion tests
- Environmental tests
- Environments
Exposure
Sea water corrosion
Underground corrosion
Underwater corrosion
- Wastes
- Water

Corrosion prevention
USE Corrosion control

Corrosion protection
USE Corrosion control

Corrosion reduction
USE Corrosion control

Corrosion resistance 1113
BT - Chemical properties
- Durability
- Mechanical properties
RT Anodic protection
Chemical stability
- Corrosion
- Corrosion control
Corrosion environments
Corrosion tests
Passive metals
Sea water corrosion

Corrosion tests 1113
BT - Materials tests
- Tests
RT Accelerated tests
- Corrosion
Corrosion environments
Corrosion resistance
Destructive tests
- Environmental tests
Exposure tests
- Galvanic corrosion
Sea water corrosion
Weathering

Corrugated metal pipe 1311
BT - Closed conduits
- Conduits
- Pipes
- Rigid tubing
- Tubes
RT Crossings
Culverts
- Drainage
- Noncircular conduits
Rigid pipes

Cosmic particles
USE Cosmic rays

Cosmic radiation
USE Cosmic rays

Cosmic rays 0302
UF Cosmic particles
Cosmic radiation
Radiation (cosmic)
BT - Radiation
- Transport phenomena
RT Albedo
Alpha particles
Beta particles
Electrons
Gamma rays
Neutrons
Protons

Solar radiation
- Rays

Cost allocation 1401
BT - Allocations
NT Separable cost allocation
RT Benefit-cost analysis
Budgeting
- Budgets
Construction costs
Cost repayment
- Costs
Cost sharing
Cost transfer
Decision making
- Economics
Engineering costs
- Feasibility
Federal project policy
Maintenance costs
Overhead costs
Project planning
- Water policy

Cost analysis 1401
BT - Analysis
NT Benefit-cost analysis
Cost comparisons
RT - Appraisals
Bids
Construction costs
Cost indexes
- Costs
- Economics
Electric power costs
Engineering costs
Engineering economy
Engineers estimates
- Evaluation
Feasibility studies
Income analysis
Labor savings
Land appraisal
Optimum design
Overhead costs
Unit costs
Value engineering

Cost-benefit analysis
USE Benefit-cost analysis

Cost-benefit ratios
USE Benefit-cost ratio

Cost-benefit theory
USE Benefit-cost theor,

Cost comparisons 1401
UF Comparisons (cost)
BT - Cost analysis
RT - Analysis
Benefit-cost analysis
Cost indexes
- Costs
Cost savings
Cost trends
Diseconomies of scale
Economies of scale
Financial analysis
Overhead costs
Unit costs

Cost indexes 1401
BT - Indexes (ratios)
RT Construction costs
- Cost analysis
Cost comparisons
- Costs
Cost savings
- Demand
Economic growth
Estimated costs
Estimating
Inflation (economic)
- Prices

Cost repayment 0503
UF Reimbursement
BT - Payment
RT Benefit-cost analysis
Benefit-cost theory
Compensation
Condemnation
- Cost allocation
- Costs
Cost sharing
Debt
- Economics
- Feasibility

THESAURUS OF TERMS

Cost repayment (Con.)

Federal project policy
Government supports
Grants
Inans
Project planning
Water policy

Costs 1401

UF Expenses
NT Adjusted costs
Administrative costs
Alternative costs
Annual costs
Annual equivalent costs
Associated costs
Average costs
Capital costs
Comparative costs
Construction costs
Contingency costs
Deferred costs
Direct costs
Drainage costs
Electric power costs
Engineering costs
Equipment costs
Estimated costs
Fixed costs
Indirect costs
Induced costs
Initial costs
Installation costs
Insurance costs
Intangible costs
Joint costs
Labor costs
Maintenance costs
Marginal costs
Non-reimbursable costs
Operating costs
Operation and maintenance costs
Overhead costs
Real costs
Reimbursable costs
Replacement costs
Separable costs
Specific costs
Tangible costs
Total costs
Unit costs
Variable costs
Water costs
RT Accounting
Allocations
Auditing
Benefit-cost analysis
Benefit-cost ratios
Benefit-cost theory
Bids
Byproducts
Cost allocation
Cost analysis
Cost comparisons
Cost indexes
Cost repayment
Cost savings
Cost sharing
Cost transfer
Cost trends
Damages
Depreciation
Discount rate
Diseconomies of scale
Economic efficiency
Economies
Economies
Economies of scale
Efficiencies
Electric power rates
Engineers estimates
Expenditures
Farm management
Finance
Financial analysis
Financing
Government finance
Income
Industrial production
Insurance
Interest (finance)
Interest rate
Labor savings
Marketing
Monetary benefits
Operation and maintenance
Payment
Personnel management
Prices
Procurement

Profit
Project planning
Renting
Repayment
Repayment contracts
Return to scale
Royalties
Salaries
Tariff
Taxes
Tax rate
Value engineering
Wages
Water pricing
Water rates
Water utilization

Cost savings 1401

RT Cost comparisons
Cost indexes
Costs
Economics
Economies
Evaluation
Innovation
Inventions
Labor savings
Mechanization
Purchasing
Reduction
Time and motion studies
Unit costs
Value engineering

Cost sharing 1401

RT Administration
Administrative costs
Benefit-cost analysis
Budgeting
Cost allocation
Cost repayment
Costs
Cost transfer
Decision making
Federal project policy
Labor savings
Non-reimbursable costs
Project planning
Reimbursable costs
Separable costs
Water policy

Cost transfer 1401

RT Budgeting
Budgets
Cost allocation
Costs
Cost sharing
Overhead costs

Cost trends 1401

RT Construction costs
Cost comparisons
Costs
Engineering costs

Cottidae

USE Sculpins

Cotton 0204

UF Gossypium species
BT Agronomic crops
Crops
Dicots
Fiber crops
Field crops
Horticultural crops
Plants (botany)
RT Fibers (plant)
Textiles

Cottonwoods 0603.1

UF Populus species
BT Crops
Deciduous trees
Dicots
Horticultural crops
Phreatophytes
Plants (botany)
Trees

Counters 1402

NT Geiger counters
Neutron counters
Scintillation counters
RT Detectors
Digital systems
Measuring instruments
Recording systems

Sensors

Counters (time interval)

USE Timing circuits

Couplings 1305

NT Flexible couplings
RT Bolts
Clutches (mechanical)
Collars
Connectors (electrical)
Connectors (mechanical)
Fasteners
Fittings
Flanges
Hose fittings
Joints (connections)
Mechanical fasteners
Pins (mechanical)
Pipe fittings
Power transmission (mechanical)
Screws
Shatts (machinery)
Trailers
Transmissions (mechanical)
Turbine shafts

Couplings (hose)

USE Hose fittings

Court decisions

USE Judicial decisions

Cover crops 0204

BT Crops
Plants (botany)
NT Food and cover crops
RT Agronomic crops
Erosion control
Ground cover
Organic matter
Planting management
Seeding
Soil conservation
Stubble mulching

CPM

USE Critical path method

Crabs 0603.2

BT Animals
Aquatic animals
Aquatic life
Commercial shellfish
Crustaceans
Invertebrates
Shellfish

Cracking 2012

RT Brittle fractures
Brittle fracture theory
Cracks
Crazing
Damages
Darn breaches
Dam failure
Deflection
Distortion (structural)
Failure
Failure (mechanics)
Fatigue (materials)
Fissures
Fractures
Fragmentation
Griffith theory
Materials failure
Microseisms
Rock noise
Rupturing
Shrinkage
Stress corrosion
Weathering

Cracks 1113

NT Shear cracks
RT Autogenous healing
Brittle fractures
Brittle fracture theory
Cavities
Cleavage
Cracking
Crazing
Crevasse
Damages
Dam failure
Defects
Deflection
Distortion (structural)
Failure (mechanics)

CREDIT

Failure surfaces
Fissures
Fissures (geology)
Fractures
Fractures (geology)
Griffith theory
Grout stops
Interstices
Joints (geology)
Tunnel failure

Crafts 0509

RT Abilities
Occupations

Cranberries 0204

UF Vaccinium macrocarpum
BT Crops
Dicots
Fruit crops
Horticultural crops
Plants (botany)
Shrubs

Cranes (hoists) 1309

BT Construction equipment
Equipment
Materials handling equipment
NT Overhead cranes
Traveling cranes
RT Handling equipment
Hoisting machinery
Mechanical equipment
Mobile equipment
Rails

Crappies

USE Sunfishes

Cratering 1315

RT Blasting
Charges (explosives)
Craters
Earthworks
Excavation
Explosions
Explosive construction
Explosive excavation
Explosives
Nuclear excavation
Nuclear explosions
Rapid excavation

Craters 0806

RT Blasting
Cratering
Excavation
Explosions
Explosive construction
Explosive excavation
Nuclear explosions
Rock mechanics
Volcanoes

Crayfish 0603.2

BT Animals
Aquatic animals
Aquatic life
Crustaceans
Invertebrates

Crazing 1308

RT Cracking
Cracks
Fissures
Fractures
Surface properties

Creative processes

USE Creativity

Creativity 0510

UF Creative processes
RT Abilities
Aesthetics
Design
Drawings
Highway beautification
Ideas
Innovation
Inventions
Planning
Psychology
Reasoning

Credit 0503

RT Debt
Discount rate
Finance

CREEL CENSUS

Credit (Con.)

Financing
Grants
Interest rate
Investment
Liabilities
Loans
Marketing
Payment
Principal

Creeks

USE Streams

Creel census 0511

BT - Census
RT Aquatic productivity
Fish establishment
Fish harvest
Fishing
Fish populations
Sampling
Surveys (data collection)

Creep 2012

UF Plastic flow
BT - Mechanical properties
RT Concrete properties
Creep tests
Deformation
Fatigue (materials)
Mass wasting
Plastic deformation
Plastic failure
Plasticity
Relaxation (mechanics)
Residual stress
Rheology
Rock mechanics
Slopes
Snow mechanics
Strain
Stress
Stress relaxation
Temperature
Time

Creep tests 1402

BT - Materials tests
Tests
RT - Compression tests
Creep
Fatigue tests
High temperature research
Plastic deformation
Plastic failure
Tension tests

Crenchthys species

USE Killifishes

Creosote 1107

BT - Chemical compounds
Organic compounds
RT - Pesticides
Wood
Wood preservatives

Crested wheatgrass

USE Wheatgrasses

Crests (spillway)

USE Spillway crests

Crests (weirs)

USE Weir crests

Crevasse 0807

BT - Geologic structures
RT - Cracks
Fissures (geology)
Glaciers
Ice

Cribbing 1313

RT Bins
Cellular structures
Crib walls
Earthworks
Gabions
Retaining walls
Shoring
Slope stabilization
Supports
Walls

Crib walls 1313

BT - Engineering structures
Retaining walls
Walls

RT Cellular structures
Cribbing
Shoring
Slope stabilization

Crimson clover 0204

UF Trifolium incarnatum
BT - Agronomic crops
Clovers
Crops
Dicots
Field crops
Forage legumes
Forages
Horticultural crops
Legumes
Plants (botany)

Criteria 1407

NT Design criteria
Operating criteria
RT - Codes
Comparative studies
Evaluation
Recommendations
Specifications
Standards

Criteria (design)

USE Design criteria

Critical density 1407

BT - Density
Physical properties
RT Soil liquefaction

Critical depth 2004

RT - Critical flow
Critical slopes
Critical velocity
Energy gradient
Fluid mechanics
Hydraulic gradient
Hydraulics
Spillway capacity
Stilling basins
Subcritical flow
Supercritical flow
Water surface profiles

Critical flow 2004

BT - Flow
Fluid flow
Movement
NT Subcritical flow
Supercritical flow
RT Critical depth
Critical slopes
Critical velocity
Flow patterns
Froude number
High velocity
Hydraulic jump
Laminar flow
Orifice flow
Pipe flow
Reynolds number
Standing waves
Steady flow
Transient flow
Transition flow
Turbulent flow
Wave pile-up

Critical path method 0501

UF CPM
BT - Methodology
Operations research
RT Arrow diagrams
Computers
Construction control
Control
Estimating
Field control
Flow charts
PERT
Planning
Production
Production planning
Project planning
Scheduling
Timing

Critical slopes 0813 2004

BT - Slopes
RT Angle of repose
Critical depth
Critical flow
Critical velocity

Cul slopes
Debris avalanches
Fluid flow
Fluid mechanics
Hydraulic gradient
Hydraulics
Landslides
Rockslides
Slope angles
Stability analysis

Critical speed 1309.1

RT - Hydraulic turbines
Shafts (machinery)
Turbine blades
Turbine efficiency
Turbine runners
Vibration

Critical tractive force 0808

BT - Tractive forces
RT Bed load
Beds
Boundary layer
Boundary shear
Degradation (stream)
Open channel flow
Siltation
Sediments
Sediment transport
Streambeds
Stream erosion
Stream stabilization

Critical velocity 2004

BT - Velocity
RT Critical depth
Critical flow
Critical slopes
Energy gradient
Fluid mechanics
Free flow
Hydraulic gradient
Hydraulics
Permissible velocity
Subcritical flow
Supercritical flow
Velocity head

Cropping patterns 0204

RT Agronomy
Crops
Farm management
Vegetation

Cropping systems

USE Farm management

Crop production 0204

RT Acreage
Agriculture
Agronomic crops
Agronomy
Consumptive use (water)
Crop response
Crops
Crop yield
Cultivation
Demonstration farms
Dry land farming
Duty of water
Fallowing
Farm management
Farm prices
Fertilization
Harvesting
Irrigation efficiency
Land use
Nutrient requirements
Optimum crop yield
Orchards
Plant breeding
Plant growth
Planting management
Productivity
Reproduction (biology)
Rotation
Seeding
Sprinkler irrigation
Standing crop
Value
Vegetation
Water requirements
Water utilization
Yield equations

Crop response 0204

RT Advection
Agronomic crops

THESAURUS OF WATER RESOURCES TERMS

Agronomy
Cold resistance
Consumptive use (water)
Convection
Crop production
Crops
Cutting management
Disease resistance
Drainage effects
Drought resistance
Drought tolerance
Duty of water
Farm management
Fertilization
Freezing
Growing period
Growth rates
Growth stages
Horticultural crops
Insect resistance
Irrigation effects
Irrigation efficiency
Lodging
Moisture availability
Mulching
Nutrient requirements
Pasture management
Persistence
Plant growth
Planting management
Plants (botany)
Resistance
Seeding
Stubble mulching
Timing
Vegetable crops
Vegetation
Water injury

Crop rotation

USE Farm management

Crops 0204

BT - Plants (botany)
NT - Agronomic crops
Alfalfa
Alligatorweed
Alopecurus
Apples
Ash trees
Asparagus
Bahagrass
Barley
Beans
Birch trees
Black locust trees
Blueberries
Bluegrasses
Brome grass
Brush
Cacti
Carrots
Cash crops
Cereal crops
Chaparral
Citrus fruits
Clovers
Coastal bermudagrass
Corn (field)
Cotton
Cottonwoods
Cover crops
Cranberries
Crimson clover
Dallisgrass
Dates
Deciduous trees
Fescues
Fiber crops
Field crops
Food and cover crops
Forage grasses
Forage legumes
Forage mixtures
Forages
Fruit crops
Grama grasses
Grapefruit
Halimolobos
Hay
Hickory trees
Horticultural crops
Industrial crops
Kentucky bluegrass
Ladino clover
Legumes
Lemons
Lespedeza
Lettuce

THESAURUS OF TERMS

Crops (Con.)

Lilac
 Limes
 Macadamia
 Maple trees
 Melons
 Merion bluegrass
 Mesquite
 -Nuts
 Oak trees
 Oats
 -Oilseed crops
 Onions
 Oranges
 Orchardgrass
 Orchards
 -Ornamentals
 Peaches
 Peanuts
 Pecans
 Perennial ryegrass
 -Pome fruits
 Popcorn
 Potatoes
 Rabbitbrush
 -Range grasses
 Red clover
 Rice
 Sagebrush
 Sago palm/need
 Seepwillow
 -Shrubs
 Snapdragons
 Sorghum
 Soybeans
 -Specialty crops
 Standing crop
 Stinging nettles
 -Stone fruits
 Strawberries
 Sudangrass
 Sugar beets
 Sugarcane
 -Sugar crops
 Sweet corn
 Sweet potatoes
 Switchgrass
 Sycamore trees
 Tamarisk
 Tobacco
 Tomatoes
 Tropical fruits
 -Vegetable crops
 Vetch
 Vine crops
 Water hyacinth
 Wheat
 Wheatgrasses
 White clover
 Willow trees
 RT Agriculture
 Cropping patterns
 Crop production
 Crop response
 Crop yield
 Demand (irrigation systems)
 Development farms
 Dry land farming
 Duty of water
 Experimental farms
 Farm management
 -Farms
 Fertilization
 -Harvesting
 Optimum crop yield
 -Pesticides
 Plant groupings
 -Soil management
 Terraces
 Varieties
 Vegetation

Crop science
 USE Agronomy

Crop yield 0204
 RT Crop production
 -Crops
 Vegetation

Crossings 1302
 RT -Bridges (structures)
 Corrugated metal pipe
 Culverts
 -Flumes
 Highway engineering
 -Highways
 Jacking
 Pipe laying
 -Pipelines

Railroads
 Siphons
 Skewed structures
 Submarine pipelines
 -Trestles

Cross sections 1407
 RT Drawings

Cruises 0511
 BT -Recreation
 RT -Ships

Crushed stone 1303
 BT -Construction materials
 -Granular materials
 RT -Aggregates
 Bedding materials
 Boulders
 Coarse aggregates
 Cobbles
 Cohesive soils
 Fine aggregates
 Fragmented materials
 -Gravels
 Riprap
 Rock crushers
 Rock flour

Crushers
 USE Crushing

Crushing 1302
 UF Crushers
 RT Ball mill
 Fragmentation
 Grinding
 Pipe tests
 Rock breakage
 Rock crushers
 Rock mills
 Spalling

Crustaceans 0603.2

UF Crustacea
 BT -Animals
 -Aquatic animals
 -Aquatic life
 -Invertebrates
 NT Amphipoda
 Brine shrimp
 Copepods
 Crabs
 Crayfish
 Daphnia
 Isopods
 Lobsters
 Opposum shrimp
 Pink shrimp
 -Shrimp
 -Sterile
 RT -Aquatic microorganisms
 -Commercial shellfish
 -Shellfish

Crusts 1407
 RT -Coatings
 -Geophysics
 Incrustation
 Scale (corrosion)
 Structural geology
 -Surfaces
 -Surfacing

Cryogenics 2013
 UF Low temperature studies
 RT Cryology
 -Freezing
 Liquefied gases
 Low temperature
 Phase studies
 Refrigeration
 -Temperature

Cryology 0812 2013
 RT -Cold regions
 -Cooling
 Cryogenics
 Glaciers
 -Ice
 Refrigeration
 -Snow

Crystal growth 2002
 BT -Growth
 RT Crystallization
 Crystallography
 -Crystals
 Growth rates

Nucleation
 -Nuclei

Crystalline rocks 0807

BT -Rocks
 NT -Acidic rocks
 Andesite
 Basalt
 -Basic rocks
 Gabbro
 Gneiss
 Granite
 -Igneous rocks
 Marble
 -Metamorphic rocks
 Pegmatites
 -Plutonic rocks
 Quartzite
 Rhyolite
 Schist
 Slate
 Syenite
 -Tuffs
 Ultrabasic rocks
 -Volcanic rocks

Crystalline structures
 USE Crystallography

Crystallization 2002

RT Crystal growth
 Crystallography
 -Crystals
 -Freezing
 Nucleation
 -Nuclei
 Phase studies
 Phase transformations
 Precipitation (chemistry)
 Purification
 -Separation techniques
 Solidification
 Solubility
 Supercooling
 Supersaturation
 Water of crystallization
 Water of hydration

Crystallography 20.2

UF Crystalline structures
 NT -Physics
 RT Crystal growth
 Crystallization
 -Crystals
 Ice crystals
 -Microscopy
 Molecular analysis
 Mineralogy
 Molecular structure
 Nucleation
 Orientation
 Petrographic investigations
 -Petrography
 Phase transformations
 Solid state physics
 X-ray diffraction

Crystals 2002

NT Clathrates
 Ice crystals
 RT Cleavage
 Crystal growth
 Crystallization
 Crystallography
 Microstructure
 Mineralogy
 -Minerals
 Molecular structure
 X-ray diffraction

Cucumis melo
 USE Melons

Culinary use
 USE Domestic water

Cultivated lands 0204

UF Fields (cultivated)
 RT Acreage
 Agriculture
 -Cultivation
 -Grasslands
 -Land management
 -Regions
 -Soil management
 Terrestrial habitats
 Watershed management

Cultivation 0204

UF Tillage
 BT -Land management
 -Soil management
 NT Chiselling
 Contour farming
 Deep tillage
 Arable land
 RT -Conservation
 Crop production
 Cultivated lands
 Cultural control
 Fallowing
 Farm management
 -Furrow irrigation
 -Furrows
 -Irrigation practices
 Planting management
 Plowing
 -Resource conservation
 Root zone
 Seeding
 Soil conservation
 Soil environment
 Soil erosion
 Soil treatment
 -Weed control

Cultural control 0606

BT -Control
 RT Burning
 -Cultivation
 Insect control
 Integrated control measures
 Manual control
 Mechanical control
 -Pest control
 -Physical control
 -Weed control

Cultures 0613

RT Activated sludge
 -Algae
 Archaeology
 -Bacteria
 Farm wastes
 Fermentation
 -Fungi
 Hydroponics
 -Microbiology
 -Plant growth
 -Plant tissues
 -Sewage treatment
 Sludge treatment
 -Soil microorganisms

Culverts 1313.3

BT -Buried pipes
 -Conduits
 RT Corrugated metal pipe
 Crossings
 -Drains
 -Engineering structures
 Headwalls
 Highway engineering
 Horizontal drains
 -Hydraulics
 -Hydraulic structures
 -Noncircular conduits
 Open drains
 -Outlet works
 -Pipes
 Rectangular conduits
 -Roads
 Siphons
 Streets
 Surface drainage

Cumulonimbus clouds 2402

BT -Clouds
 RT Cumulus clouds
 Cyclones
 Hail
 Hurricanes
 -Meteorology
 -Precipitation (atmosphere)
 Stratus clouds
 Thunderstorms
 Weather

Cumulus clouds 0402

UF Clouds (cumulus)
 BT -Clouds
 RT -Atmosphere
 Cirrus clouds
 Cloud cover
 Cloud physics
 Cumulonimbus clouds
 -Fog

CURING

Cumulus clouds (Con.)

Haze
Smog
Stratus clouds
Weather

Curing 1308

NT Fog-curing
Steam curing
RT Accelerating (chemistry)
Aging (physical)
Autoclaves
Bleeding (concrete)
-Concrete placing
-Concretes
Curing compounds
-Degradation
-Drying
-Hardening
Hydration
Initial set
Preservation
-Processing
Sealing compounds
Set-retarding agents
Setting (materials)
Weathering

Curing compounds 110/ 1303.1

RT Accelerating (chemistry)
Aging (physical)
-Concrete placing
-Concretes
-Curing
-Retarding agents
-Sealants
Sealing compounds

Current awareness 0502

RT Abstracts
Dissemination (information)
Information retrieval
Information science
Information systems
Interest profiles
Professional advancement
Selective dissemination
Technical papers

Current density 2003

RT -Electric current
Electrolysis

Current meters 1402

BT -Instrumentation
-Measuring instruments
-Meters
-Velocity meters
RT -Currents (water)
-Discharge (water)
Discharge measurement
Flow measurement
-Gages
-Rates
River currents
Rotating meters
Stream gages
Stream gaging station
Test canals
-Velocity
velocity distribution
-Water measurement

Currents (electric)

USE Electric current

Currents (river)

USE River currents

Currents (sea)

USE Ocean currents

Currents (water) 0808 2004

UF Water currents
NT Drift currents
Eddies
-Ocean currents
Rip currents
Turbidity currents
RT -Aquatic environment
Bed movements
Convection
Current meters
-Diffusion
Drift bottles
Drifting (aquatic)
Estuaries
Flood waves
-Flow
-Groundwater

Hydrologic cycle
Microenvironment
-Movement
Retraction (water wave)
Rheotropism
Ripple marks
-Running waters
Sand bars
Sand spits
Sand waves
Sediment distribution
-Sediment load
Seiches
-Streams
-Tides
-Water circulation
Wave generation
-Waves (water)

Current transformers 0905

BT -Electrical equipment
-Transformers
RT Induced currents
Instrument transformers
Potential transformers
-Power transformers

Curtains 1313.1

NT Grout curtains
RT Buried membranes
Cutoffs
Impervious linings
Underseepage

Curtain walls 1313.1

BT -Walls
RT Cutoffs
Cutoff walls
Dam foundations
-Dams
Seepage control
Underseepage

Curved profiles 1409

BT -Profiles
RT -Envelopes
Geometry
Spheres
Structural shapes

Curve fitting 1201

RT Correlation techniques
-Curves
-Envelopes
Experimental data
-Forecasting
Least squares method
-Regression analysis
Time series analysis

Curves 1201 1409

BT -Geometric shapes
NT Area capacity curves
Compression curves
Drift-storage curves
Drawdown curves
Flow duration curves
Frequency curves
Helices
Horizontal curves
Mass curves
Proctor curves
Stress-strain curves
RT Characteristics
-Circles (geometry)
Curve fitting
-Envelopes
Gaussian distribution
Geometry
-Gradients
-Highways
Road design
Spirals
Waveforms

Curves (graphic)

USE Graphical analysis

Curves (performance)

USE Performance tests

Cushioning 2011

UF Buffers (dam)
RT Absorbers
Acoustic insulation
-Damping
-Insulation
Lagging
Perlite

Shock waves
Thermal insulation
Vermiculite

Cutback asphalts 1303

BT -Asphalt cement
-Asphalts
-Bitumens
-Bituminous cements
-Bituminous materials
-Cements
RT Bituminous concretes
-Linings
Paving
-Roads
Seal coat
Soil sealants
Soil stabilization

Cuticle 0616

UF Cutin
RT Epidermis
-Plant tissues
Transpiration

Cutin

USE Cuticle

Cutoffs 1313.1

RT Blanket grouting
Buried membranes
Bypasses
Channel improvements
-Curtains
Curtain walls
Cutoff trenches
Cutoff walls
Dam construction
Dam design
Dam foundations
-Dams
-Earth dams
Flood control
-Foundations
Grout curtains
-Grouting
Impervious blankets
Impervious linings
Impervious membranes
Intake transitions
-Leakage
River training
-Seepage
Seepage control
Seepage losses
Sheet piling
Skurres
-Transitions (structures)
Underseepage
-Valves

Cutoff trenches 1313.1

BT -Trenches
RT Cutoffs
Cutoff walls
Dam construction
Dam design
Dam foundations
-Dams
-Earth dams
-Foundations
-Seepage
Seepage control
Underflow
Underseepage

Cutoff walls 1313.1

BT -Walls
RT Curtain walls
Cutoffs
Cutoff trenches
Dam design
Dam foundations
-Dams
-Earth dams
-Foundations
-Seepage
Seepage control
Sheet piling
-Trenches
Underflow
Underseepage

Cuts 1315

RT -Canals
Cut slopes
-Earth handling equipment
Earthmoving
-Earthworks

THESAURUS OF WATER RESOURCES TERMS

-Excavation
-Excavators
Gully erosion
Overexcavation
Presplit blasting
Roadbanks
Road construction
Road design
Rock slope stability
-Trenches
Underwater construction

Cut slopes 1315

BT -Slopes
RT Angle of repose
Critical slopes
Cuts
-Excavation
Overexcavation
Roadbanks
Road design
Rock slope stability
Slip-circle method
Slope angles
Slope protection
-Slope stability
Slope stabilization
-Stability analysis
-Trenches

Cutthroat trout 0603.2

UF Salmo clarki
BT -Animals
-Aquatic animals
-Aquatic life
-Cold-water fish
-Fish
-Pan fish
-Salmonids
-Trout
-Wildlife
RT -Freshwater fish
-Marine fish

Cutting 1308

NT Machining
RT Abrasion
Boring
-Drilling
-Finishing
Grinding
Grooves
Gully erosion
Lathes
Peeling
Reamers
Ripping
Saws
Shaping
-Torches

Cutting (torches)

USE Torches

Cutting management 0206

BT -Management
NT Clear-cutting
RT Crop response
-Erosion control
Forage palatability
-Forages
Lawns
Pasture management
-Runoff
-Succession
Transpiration
Vegetation regrowth
Water conservation
Watershed management
-Water yield
-Weed control

Cyanocobalamin

USE Vitamin B

Cyanophyta 0613

UF Algae (blue green)
Blue-green algae
BT -Algae
-Plants (botany)
RT -Aquatic algae
-Aquatic microorganisms
-Aquatic plants
Soil algae

Cyathura polita

USE Isopods

THESAURUS OF TERMS

Cycles 1407

Use of a more specific term is recommended

- NT Carbon cycle
- Hydrologic cycle
- Nitrogen cycle
- RT Biorhythms
- Convection
- Cycling nutrients
- Diurnal variations
- Energy budget
- Food chains
- Food webs
- Heat budget
- Hydrologic budget
- Sequence
- Succession
- Trophic level
- Water circulation
- Waves

Cycles (drought)

USE Droughts

Cyclic loads 2011

- BT -Loads (forces)
- RT Dynamic loads
- Fatigue (materials)
- Fatigue tests
- Live loads
- Periodic variations
- Pulses
- Repeated loading
- Seismic design
- Seismic stability
- Seismic tests
- Stress waves
- Total loads
- Transient stress
- Vibration
- Vibration tests

Cycling nutrients 0608

- BT -Nutrients
- RT Balance of nature
- Cycles
- Energy budget
- Food chains
- Primary productivity
- Secondary productivity

Cyclones 0402

(denotes low pressure system of great size and limited violence in middle latitudes, for tropical cyclones, see hurricanes, typhoons, etc.)

- UF Low pressure areas
- RT Anticyclones
- Atmospheric motion
- Atmospheric pressure
- Clouds
- Cumulonimbus clouds
- Gusts
- Hurricanes
- Meteorology
- Precipitation (atmospheric)
- Tornadoes
- Weather
- Weather patterns
- Wind (meteorology)
- Wind velocity

Cyclopean concrete 1303.1

- BT -Concretes
- Construction materials
- RT -Aggregates
- Concrete placing
- Mass concrete
- Stones

Cygnus olor

USE Mute swan

Cylinders 1407

- RT Cellular structures
- Cylindrical bodies
- Cylindrical shells
- Drums
- Shell structures
- Silos
- Standpipes
- Storage tanks
- Tanks (containers)

Cylindrical bodies 1409

- RT Cylinders
- Cylindrical shells
- Silos

Cylindrical shells 1313.5

- BT -Shell structures
- RT -Concrete structures
- Concrete tanks
- Cylinders
- Cylindrical bodies
- Silos
- Structural design
- Structural shapes
- Tanks (containers)
- Thin shell structures

Cynodon dactylon

USE Bermudagrass

Cyprinodon species

USE Killifishes

Cyprinus carpio

USE Carp

Cytological studies 0603

- UF Cells (biological)
- RT Chromosomes
- Metabolism
- Plant morphology
- Pollen
- Resistance
- Water requirements

D

2,4-D 0606

- BT -Chemicals
- Chlorinated hydrocarbon pesticides
- Halogenated pesticides
- Herbicides
- Organic compounds
- Organic pesticides
- Pesticides

Dactylis glomerata

USE Orchardgrass

DAD analysis

USE Depth-area-duration analysis

Dairy industry 0203

- BT -Industries
- RT -Farms
- Milk
- Pasture management

Dalapon 0606

- BT -Chemicals
- Chlorinated hydrocarbon pesticides
- Halogenated pesticides
- Herbicides
- Organic compounds
- Organic pesticides
- Pesticides

Dallisgrass 0603.1

- UF Paspalum dilatatum
- BT -Agonomic crops
- Crops
- Field crops
- Forage grasses
- Forages
- Grasses
- Monocots
- Plants (botany)

Damages 1407

- NT Flood damage
- RT -Accidents
- Burning
- Burrows
- Corrosion
- Costs
- Cracking
- Cracks
- Decomposition
- Defects
- Deflection
- Deformation
- Degradation
- Degradation (decomposition)
- Deterioration

Disintegration

- Durability
- Erosion
- Failure
- Forest fires
- Fouling
- Foundation failure
- Fractures
- Hazards
- Insurance
- Liabilities
- Losses
- Radiation effects
- Radioactivity effects
- Repayment
- Rodents
- Rupturing
- Scaling
- Stains
- Storms
- Subsidence
- Torts
- Weathering
- Wildlife

Dam breaches 1313.1

- UF Breaches (dam)
- RT Cracking
- Dam design
- Dam failure
- Dams
- Dam stability
- Earthquake damage
- Failure (mechanics)
- Flood damage
- Floods
- Foundation failure
- Overtopping
- Piping (erosion)
- Rupturing

Dam construction 1315

- BT -Construction
- RT -Concrete construction
- Concrete dams
- Construction control
- Construction methods
- Construction plants
- Construction practices
- Cutoffs
- Cutoff trenches
- Dam design
- Dam foundations
- Dams
- Damsites
- Dewatering
- Diversion
- Diversion structures
- Diversion tunnels
- Diversion works
- Earth dams
- Earthmoving
- Embankments
- Excavation
- Grouting
- Outlet works
- Reservoir clearing
- Reservoir construction
- Spillways
- Thin arch dams

Dam crests 1313.1

- RT Camber
- Dam design
- Dams
- Earth dams
- Roads
- Spillway capacity
- Spillway profiles
- Surfacing

Dam design 1313.1

- BT -Design
- Structural design
- RT Berms
- Chimney drains
- Concrete dams
- Cutoffs
- Cutoff trenches
- Cutoff walls
- Dam breaches
- Dam construction
- Dam crests
- Dam facings
- Dam failure
- Dam foundations
- Dams
- Damsites
- Dam stability

DAM FOUNDATIONS

- Design floor
- Earth dams
- Embankments
- Embankment subsidence
- Flood routing
- Freeboard
- Grid systems
- Grouting
- Hydraulic engineering
- Hydraulic fill dams
- Levees
- Masonry dams
- Outlet works
- Rockfill dams
- Safety factors
- Seepage control
- Seismic design
- Ship-circle method
- Soil mechanics
- Spillways
- Stability analysis
- Thin arch dams
- Underseepage
- Uplift pressure
- Zoned embankments

Dam facings 1313.1

- RT Beaching
- Boulders
- Cobbles
- Concretes
- Dam design
- Dams
- Earth dams
- Erosion control
- Fetch
- Riprap
- Rocks
- Selected materials
- Slabs
- Slope protection
- Soil cement
- Steel plates
- Wave action
- Wave energy
- Wave height

Dam failure 1313.1

- UF Rupture (dams)
- BT -Failure
- RT Blowouts
- Burrowing animals
- Collapse
- Construction control
- Cracking
- Cracks
- Dam breaches
- Dam design
- Dam foundations
- Dams
- Dam stability
- Deterioration
- Disasters
- Earthquake damage
- Earthquakes
- Embankment subsidence
- Failure (mechanics)
- Floods
- Foundation failure
- Maintenance
- Overtopping
- Piping (erosion)
- Rapid drawdown
- Rupturing
- Slope stability
- Spillway capacity
- Uplift pressure

Dam foundations 1313.1 1313.6

- BT -Foundations
- RT Abutments
- Concrete dams
- Curtain walls
- Cutoffs
- Cutoff trenches
- Cutoff walls
- Dam construction
- Dam design
- Dam failure
- Dams
- Damsites
- Dam stability
- Earth dams
- Engineering geology
- Foundation failure
- Foundation investigations
- Grout curtains
- Grouting
- River beds

DAMPING

Dam foundations (Con.)

- Rock foundations
- Seepage control
- Settlement (structural)
- Trial-load method
- Underseepage
- Vertical drains

Damp

- USE Moisture

Damping 1407

- BT Vibration damping
- RT Abatement
 - Absorbers
 - Acoustic insulation
 - Attenuation
 - Baffle piers
 - Baffle plates
 - Baffles
 - Cushioning
 - Deceleration
 - Dynamic response
 - Dynamic stability
 - Earthquake-resistant structures
 - Energy absorption
 - Equilibrium
 - Hysteresis
 - Inhibition
 - Insulation
 - Interference
 - Internal friction
 - Jogging
 - Mechanical properties
 - Natural frequency
 - Reduction
 - Resonance
 - Retarding
 - Seismic design
 - Seismic stability
 - Seismic tests
 - Soil dynamics
 - Stability
 - Stilling wells
 - Suppression (electrical)

Dampproofing

- USE Moistureproofing

Dams 1313.1

- BT Hydraulic structures
- Structures
- NT Arch dams
 - Buttress dams
 - Check dams
 - Cofferdams
- Concrete dams
- Diversion dams
- Double-curvature arch dams
- Earth dams
 - Forebay dams
 - Gravity dams
 - Hydraulic fill dams
 - Masonry dams
 - Mill dams
 - Movable dams
 - Multiple arch dams
- Navigation dams
- Retention dams
- Rockfill dams
- Self-spillway dams
- Thin arch dams
- RT Abutments
 - Backwater
 - Barriers
 - Bypasses
 - Check structures
 - Chute spillways
 - Closed conduit spillways
 - Concrete structures
 - Conduits
 - Control structures
 - Curtain walls
 - Cutoffs
 - Cutoff trenches
 - Cutoff walls
 - Dam breaches
 - Dam construction
 - Dam crests
 - Dam design
 - Dam facings
 - Dam failure
 - Dam foundations
 - Damsites
 - Dam stability
 - Debris barriers
 - Design flood
 - Dikes
 - Discharge hnes
 - Diversion structures

- Diversion tunnels
- Diversion works
- Equalizing reservoirs
- Fish barriers
- Fish handling facilities
- Fish ladders
- Fish passages
- Fishways
- Flashboards
- Flood control
- Flow control
- Foundations
- Freeboard
- Gates
- Gravel blankets
- Hydraulic engineering
- Hydraulic fills
- Hydroelectric power
- Hydroelectric powerplants
- Inpoundments
- Intake structures
- Intake towers
- Large structures
- Levees
- Locks (waterways)
- Low head
- Maximum probable flood
- Morning glory spillway
- Multiple purpose structures
- Outlet works
- Overfalls
- Overflow
- Overlapping
- Penstocks
- Ponding
- Public works
- Reservoir construction
- Reservoir design
- Reservoirs
- Reservoir surveys
- Revetments
- River closures
- River regulation
- Rock blankets
- Sediment control
- Seepage
- Settling basins
- Shaft spillways
- Side channel spillways
- Ski-jump spillways
- Stuices
- Spillway approach
- Spillway capacity
- Spillway piers
- Spillways
- Structural behavior
- Tailwater
- Underseepage
- Uplift pressure
- Washouts
- Water collection systems
- Water control
- Water storage
- Water supply systems
- Water surface
- Weirs

Damsites 1313.1

- BT Sites
- RT Abutments
 - Dam construction
 - Dam design
 - Dam foundations
 - Dams
 - Earth dams
 - Engineering geology
 - Locations
 - Potential hydropower
 - Project planning
 - River beds
 - Site selection
 - Terrain
 - Terrain analysis
 - Topography

Dam stability 1313.1

- BT Stability
- Structural stability
- RT Construction control
 - Dam breaches
 - Dam design
 - Dam failure
 - Dam foundations
 - Dams
 - Earth dams
 - Earthquake loads
 - External forces
 - Safety factors
 - Seepage

- Shear strength
- Sliding resistance
- Slip-circle method
- Slope angles
- Slope stability
- Stability analysis
- Uplift pressure

Daphnia 0603.2

- BT Animals
 - Aquatic animals
 - Aquatic life
 - Crustaceans
 - Invertebrates
 - Plankton
 - Waterfleas
 - Zooplankton

Darcys law 2004

- RT Capillary conductivity
 - Discharge (water)
 - Drainage
 - Equations
 - Flow
 - Groundwater
 - Groundwater flow
 - Head losses
 - Hydraulic conductivity
 - Hydraulic gradient
 - Hydraulics
 - Infiltration rate
 - Laminar flow
 - Losses
 - Permeability
 - Permeability coefficients
 - Permeameters
 - Phreatic water
 - Porous materials
 - Seepage
 - Soil water movement
 - Transmissivity
 - Well spacing

Darcy-Weisbach equation 2004

- BT Equations
- RT Chezy equation
 - Discharge (water)
 - Discharge coefficients
 - Discharge measurement
 - Head losses
 - Moody resistance diagrams
 - Pipes
 - Reynolds number
 - Uniform flow

Darters 0603.2

- UF Ammocrypta species
- Etheostoma species
- Percina species
- BT Animals
 - Aquatic animals
 - Aquatic life
 - Fish
 - Freshwater fish
 - Perches
 - Wildlife

Data

- USE Information

Data acquisition (computer)

- USE Data collection systems

Data collections 0502

- RT Catalogs
 - Census
 - Charts
 - Climatic data
 - Data collection systems
 - Data processing
 - Data retrieval
 - Data storage
 - Data transmission
 - Design data
 - Documentation
 - Experimental data
 - Field data
 - First order surveys
 - Gaging stations
 - Hydrologic data
 - Hydrometeorological station
 - Information retrieval
 - Information science
 - Instrumentation
 - Investigations
 - Libraries
 - Logs
 - Maps
 - Mathematical tables

- Measurement
- Meteorological data
- Microfilm
- Monitoring
- Networks
- Preliminary investigations
- Records
- Reports
- Reviews
- Sampling
- Satellites (artificial)
- Stations
- Statistics
- Steam tables
- Surveys (data collection)
- Telemetry
- Translations
- Weather data

Data collection systems 0502

- UF Acquisition (data)
 - Collection (data)
 - Data acquisition (computer)
- RT Aerial photography
 - Computer applications
 - Data collections
 - Data processing
 - Data transmission systems
 - Information systems
 - Recording systems
 - Satellites (artificial)
 - Surveys (data collection)
 - Telemetry systems

Data processing 0902

- UF Automatic data processing
 - Electronic data processing
- BT Processing
- NT Data reduction
 - Data retrieval
 - Data storage
- RT Automation
 - Batch processing (data)
 - Calculations
 - Computation
 - Computer models
 - Computer programming
 - Computer programs
 - Computers
 - Computer storage devices
 - Computer systems hardware
 - Computer systems programs
 - Data collections
 - Data collection systems
 - Data transmission
 - Data transmission systems
 - Digital computers
 - Digital recording
 - Documentation
 - Electronic equipment
 - Information theory
 - Networks
 - Preparation
 - Programming languages
 - Punched tapes
 - Selective dissemination
 - Statistics
 - Symbols
 - Systems engineering
 - Tables (data)

Data reduction 0902

- BT Data processing
 - Processing
 - Reduction
- RT Analytical techniques
 - Charts
 - Experimental data
 - Graphical analysis
 - Mathematical analysis
 - Statistical analysis
 - Tables (data)

Data retrieval 0502

- BT Data processing
 - Processing
- RT Computer applications
 - Computer programming
 - Computer programs
 - Computers
 - Data collections
 - Data storage
 - Data transmission
 - Data transmission systems
 - Documentation
 - Information retrieval
 - Information systems
 - Microfilm

THESAURUS OF TERMS

DEER

Data storage 0502

- BT -Data processing
- Processing
- Storage
- RT Computer applications
- Computer programming
- Computer programs
- Computers
- Computer storage devices
- Data collections
- Data retrieval
- Data transmission systems
- Digital recording
- Documentation
- Information systems
- Magnetic recording
- Magnetic tapes
- Microfilm
- Microphotography
- Punched tapes
- Records
- Tables (data)
- Tapes

Data transmission 0904

- RT Automation
- Carrier-current
- Coding
- Computer applications
- Data collections
- Data processing
- Data retrieval
- Data storage
- Data transmission systems
- Information theory
- Monoterm
- Networks
- Punched tapes
- Selective dissemination
- Tables (data)
- Telemetry
- Telemetry systems

Data transmission systems 0904

- RT -Analog models
- Analog
- Analog to digital converters
- Codes
- Computers
- Data collection systems
- Data processing
- Data retrieval
- Data storage
- Data transmission
- Digital systems
- Digital to analog converters
- Telemetry systems

Dates 0204

- UF Phoenix dactylifera
- BT -Crops
- Fruit crops
- Horticultural crops
- Monocots
- Plants (botany)
- RT Orchards
- Trees

Dating 0504

- NT Dendrochronology
- Radioactive dating
- RT Age
- Geologic time
- History
- Paleontology
- Time
- Timing

Day length

- USE Photoperiodism

DDT 0606

- BT -Chemicals
- Chlorinated hydrocarbon pesticides
- Halogenated pesticides
- Insecticides
- Organic compounds
- Organic pesticides
- Pesticides

Dead loads 2011

- UF Static loads
- BT -Loads (forces)
- RT -Axial loads
- Design
- Dynamic loads
- Earth pressure

- External forces
- Ice loads
- Live loads
- Load distribution
- Structural analysis
- Structural design
- Structural relaxation
- Total loads
- Vertical loads

Dead storage 0808 1302 6

- BT -Storage
- Water storage
- RT Area capacity curves
- Pondage
- Reservoirs
- Reservoir storage
- Reservoir surveys
- Underground water storage
- Water levels

Deaeration 0701 1308

- BT -Separation
- Water treatment
- RT Aeration
- Corrosion control
- Water treatment plants

Debris 1107

- RT -Alluvial deposits
- Alluvium
- Colluvium
- Debris avalanches
- Debris barriers
- Geologic deposits
- Industrial wastes
- Littoral drift
- Littoral materials
- Rubble

Debris avalanches 0807

- BT -Avalanches
- Earth movements
- Landslides
- Mass wasting
- RT Angle of repose
- Colluvium
- Critical slopes
- Debris
- Mudflows
- Rain
- Rockslides
- Soils
- Solifluction

Debris barriers 1313.1

- UF Barriers (debris)
- BT -Barriers
- Engineering structures
- NT Trashracks
- RT -Dams
- Debris
- Entrance channels
- Fish screens
- Hydraulic structures
- Intake structures
- Intake towers
- Intake transitions
- Pump intakes
- Retention dams
- Sand traps
- Screens
- Settling basins
- Shall spillways
- Sloping intake structures
- Spillway approach
- Spillways

Debt 0503

- RT Cost repayment
- Credit
- Interest (finance)
- Investment
- Liabilities
- Loans

Decay

- USE Decomposition

Decaying organic matter

- USE Decomposing organic matter

Deceleration 2011

- BT -Acceleration (physics)
- RT Brakes
- Damping
- Drag
- Impact
- Reduction

Relarding

Deciduous forests 0206

- BT -Biomes
- Forests
- RT -Deciduous trees
- Forestry
- Gray-brown podzolic soils
- Hardwood
- Mixed forests
- Softwood

Deciduous trees 0603 1

- BT -Crops
- Dicots
- Horticultural crops
- Plants (botany)
- Trees
- NT Ash trees
- Birch trees
- Black locust trees
- Cottonwoods
- Hickory trees
- Maple trees
- Oak trees
- Sycamore trees
- Willow trees
- RT Deciduous forests
- Forestry
- Hardwood
- Plant groupings
- Plant growth
- Softwood

Decision making 0501

- RT -Administration
- Altitudes
- Budgeting
- Computer applications
- Cost allocation
- Cost sharing
- Economic justification
- Economics
- Feedback
- Formal logic
- Game theory
- Information systems
- Interest profiles
- Management
- Management engineering
- Methodology
- Motivation
- Planning
- Policies
- Political aspects
- Problem solving
- Programs
- Psychological aspects
- Psychology
- Reasoning
- Recommendations
- Scheduling
- Social aspects
- Social function
- Supervision
- Systems engineering

Decomposing organic matter 1113

- UF Decaying organic matter
- BT -Organic matter
- NT Humus
- RT -Decomposition
- Deterioration
- Detritus
- Humic acids
- Organic wastes
- Rot
- Water pollution sources

Decomposition 1113

- UF Decay
- BT -Chemical properties
- Chemical reactions
- NT Anaerobic digestion
- Biodegradation
- Chemical degradation
- Degradation (decomposition)
- Sludge digestion
- Thermal decomposition
- RT Chemical stability
- Damages
- Decomposing organic matter
- Deterioration
- Digestion
- Disintegration
- Electrolysis
- Fermentation
- Half life

- Hydrolysis
- Oxidation
- Radioactive decay
- Rot
- Slaking
- Solubility
- Stability

Decontaminating agents

- USE Decontamination

Decontamination 1308

- UF Agents (decontaminating)
- Decontaminating agents
- RT Cleaning
- Contamination
- Disposal
- Dust control
- Pollution abatement
- Purification
- Reduction
- Removal
- Separation

Decontamination (water)

- USE Water pollution treatment

Deep beams 1313 5

- BT -Beams (structural)
- Structural members
- RT Box beams
- Composite beams
- Girders

Deep cultivation

- USE Deep tillage

Deep percolation 0808 1

- RT Chiseling
- Demand (irrigation systems)
- Groundwater movement
- Percolation
- Root zone
- Seepage

Deep subsidence 0807

- BT -Subsidence
- RT -Compaction
- Detachment
- Land subsidence
- Ponding tests
- Settlement (structural)
- Shallow subsidence

Deep tillage 0203

- UF Deep cultivation
- BT -Cultivation
- Land management
- Soil management
- RT Infiltration

Deep water 0808 1

- RT Aphotic zone
- Bathymetry
- Bodies of water
- Depth
- Shallow water

Deep-water habitats 0801

- BT -Aquatic habitats
- Environments
- Habitats

Deep-well pumping 0808.1 0809

- BT -Pumping
- RT Deep wells
- Developed waters
- Mine drainage
- Mine water
- Oil wells
- Subsidence
- Water wells

Deep wells 0808.1 0809

- BT -Wells
- RT Deep-well pumping
- Dewatering
- Drainage wells
- Drawdown
- Oil wells
- Recharge wells
- Water wells

Deer 0603.2

- BT -Animals
- Big game
- Mammals
- Ruminants
- Wildlife

DEFECTS

Defects 1407

- RT Blistering
- Cavities
- Cracks
- Damages
- Fractures
- Holidays (coatings)
- Impurities
- Inspection
- Porosity
- Voids

Deferred benefits 0503

- BT -Benefits
- RT Deferred costs
- Lagged benefits

Deferred costs 1401

- BT -Costs
- RT Amortization
- Construction costs
- Deferred benefits
- Electric power costs

Deferred grazing

- USE Grazing

Deficiencies 1407

- RT Errors

Deficient elements 0601

- BT -Nutrients
- RT Nutrient requirements

Deflection 1407

- RT Baffles
- Bending
- Bending moments
- Buckling
- Camber
- Cracking
- Cracks
- Damages
- Deflectors
- Deformation
- Diffraction
- Displacements
- Distortion (structural)
- Flexibility
- Flexural strength
- Foundation modulus
- Movement
- Reflection
- Retraction
- Routing
- Sagging
- Scattering
- Shelterbelts
- Strain
- Strength of materials
- Structural analysis
- Structural behavior
- Structural design
- Structural stability
- Tilometers
- Torsion

Deflectors 1407

- NT Flow deflectors
- RT Attenuators
- Baffle piers
- Baffle plates
- Baffles
- Deflection
- Diffusers
- Electromagnetic wave filters
- Shielding
- Vanes

Deflocculants 0701

- BT -Chemicals
- RT Coagulants
- Dispersants
- Flocculants

Defoliants 0606

- BT -Agricultural chemicals
- Chemicals
- RT Chemcontrol
- Desiccants
- Herbicides
- Translocation

Deformation 1407

- BT -Mechanical properties
- NT Elastic deformation
- Plastic deformation
- RT Bending

- Buckling
- Camber
- Collapse
- Compressibility
- Compressible soils
- Compression
- Consolidation
- Creep
- Damages
- Deep subsidence
- Deflection
- Deformation modulus
- Distortion (optics)
- Distortion (structural)
- Elastic theory
- Elongation
- Embankment subsidence
- Extensometers
- Failure
- Failure (mechanics)
- Foundation modulus
- Fractures
- Heaving
- Land subsidence
- Normal strain
- Plastic theory
- Resilience
- Rheology
- Rock mechanics
- Sagging
- Settlement (structural)
- Shallow subsidence
- Shear strain
- Soil consolidation tests
- Stiffness
- Strain
- Strain energy
- Strength of materials
- Stress-strain curves
- Structural behavior
- Structural design
- Structural stability
- Subsidence
- Tangential strain
- Tension
- Torsion
- Twisting
- Workability
- Yield point
- Yield strength

Deformation modulus 2012

- BT -Mechanical properties
- RT Compressibility
- Deformation
- Elastic deformation
- Inelastic action
- Plastic deformation
- Stress-strain curves

Deformed bars 1303

- BT -Bars
- RT Bonding
- Concrete construction
- Concrete piles
- Concrete pipes
- Concrete structures
- High-bond reinforcing bars
- Reinforced concrete
- Reinforcement
- Reinforcing steels

Deformeter (beggs)

- USE Stress analysis

Degradation 1407

- NT Anaerobic digestion
- Biodegradation
- Chemical degradation
- Degradation (decomposition)
- Degradation (stream)

- RT Abrasion resistance
- Aggradation
- Chemical stability
- Corrosion
- Curing
- Damages
- Deterioration
- Disintegration
- Durability
- Failure
- Fouling
- Oxidation
- Pitting
- Preservation
- Radiation effects
- Scale (corrosion)
- Scour
- Storage

- Tractive forces
- Weathering

Degradation (decomposition) 1113

- BT -Decomposition
- Degradation
- NT Anaerobic digestion
- Biodegradation
- Chemical degradation
- Sludge digestion
- RT Aging (physical)
- Anaerobic processes
- Chemical stability
- Corrosion
- Damages
- Deterioration
- Detritus
- Durability
- Humus
- Oxidation
- Persistence
- Radiation effects
- Scaling
- Sludge disposal
- Stability
- Weathering

Degradation (stream) 0808

- BT -Degradation
- Erosion
- RT Critical tractive force
- Deltas
- Deposition
- Equilibrium
- Floods
- Graded
- Running waters
- Scour
- Sedimentation
- Sediment production
- Streambeds
- Stream erosion
- Streams

Degree days 0402

- RT Climatic data
- Climatology
- Evapotranspiration
- Growing period
- Photoperiodism
- Temperature
- Transpiration
- Water requirements

Dehydration 0701 0704

- RT -Chemical reactions
- Dehydrators
- Desiccants
- Dewatering
- Drying
- Eftlorescence
- Evaporation
- Forced drying
- Freeze drying
- Hydration
- Moisture
- Preservation
- Processing
- Removal
- Transpiration
- Vacuum drying
- Water of crystallization
- Water of hydration

Dehydrators 1309

- BT -Equipment
- RT Absorbers
- Dehydration
- Dryers
- Drying

Deicers 0812

- RT Deicing
- Frost
- Heating
- Ice
- Ice formation
- Ice prevention
- Melting
- Snow removal

Deicing 0812

- RT Deicers
- Heating
- Ice
- Ice prevention
- Melting
- Preheating

THESAURUS OF WATER RESOURCES TERMS

- Refrigerators
- Removal
- Snow removal

Delaware 0806

- BT -Coastal plains
- Geographical regions
- States (geographical)

Delay (time)

- USE Timing circuits

Delay circuits 0901

- BT -Circuits
- RT Time lag

Delay elements (explosives) 1901

- RT -Explosives
- Presplit blasting
- Smooth wall blasting

Deleterious materials 1107

- BT -Materials
- RT Alkali aggregate reactions
- Cement-aggregate reaction
- Compatibility
- Contamination

Deltas 0806 0810

- BT -Land forms
- RT Alluvial channels
- Alluvial deposits
- Alluvial streams
- Alluvium
- Bayous
- Bed load
- Coasts
- Degradation (stream)
- Deposition
- Flood plains
- Fluvial morphology
- Geomorphology
- Regions
- Rivers
- Sedimentation
- Sediment deposits
- Sedimentology
- Sediments
- Shores
- Soil types
- Swamps
- Tidal marshes

Demand 0503

- NT Electric power demand
- Recreation demand
- Water demand
- RT Commerce
- Cost indexes
- Economics
- Elasticity of demand
- Land appraisal
- Market value
- Population
- Prices
- Supply

Demand (irrigation systems) 0203.1

- RT Consumptive use (water)
- Crops
- Deep percolation
- Effective precipitation
- Irrigation
- irrigation efficiency
- Irrigation practices
- Sprinkler irrigation
- Subsurface irrigation
- Surface irrigation
- Water consumption
- Water loss
- Water management (applied)
- Water requirements
- Water utilization

Demand schedule (recreation)

- USE Recreation demand

Demineralization 1302.5

- UF Conversion (saline water)
- Conversion (salt water)
- Conversion (sea water)
- BT -Separation techniques
- Water treatment
- NT -Desalination
- Nuclear desalting
- RT Anion exchange
- Brackish water

THESAURUS OF TERMS

Demineralization (Con.)

Cation exchange
Demineralization cells
Desalination processes
Descaling
-Distillation
Evaporation reservoirs
-Feed water
-Flash distillation
Flash evaporators
-Ion exchange
Long-tube vertical distillation
-Membrane processes
Multistage flash distillation
Permeable membranes
Phase studies
Potable water
Purification
Reverse osmosis
Salt removal
Semi-permeable membranes
-Separation
-Treatment
Waste heat
Water costs
-Water purification
Water softening
Water sources

Demineralization cells 1302.5

RT Anion exchange
Cation exchange
-Demineralization
-Ion exchange

Demineralizers 1302.5

RT -Water treatment

Demolition 1315

RT -Blasts
-Buildings
Charges (explosives)
-Disturbances
-Explosions
-Explosives
Nitroglycerin
-Safety

Demonstration farms 0204

BT -Farms
RT Agriculture
Agronomy
-Conservation
Crop production
Development farms
Experimental farms
Farm management
Land development
Land settlement
-Research and development
-Resource conservation
Soil conservation

Demonstration watersheds 0808

UF Experimental watersheds
BT -Watersheds (basins)
RT Agricultural watersheds
-Conservation
Drainage basins
Farm management
-Land management
-Research and development
-Resource conservation
-Runoff
Soil conservation

Dendrochronology 0603.1

UF Tree rings
BT -Dating
RT Age
-Climatology
-Ecology
-Forests
Growth rates
Paleoclimatology
-Plant growth
-Quaternary period
-Trees
-Xylem

Dendrocygna bicolor

USE Fulvous tree duck

Denison samplers 1402

BT -Samplers
-Soil samplers
RT Core drilling
Cores
Drive samplers
Piston samplers

-Sampling
Soil investigations
Undisturbed samples

Denitrification 0703

BT -Chemical properties
-Chemical reactions
RT Ammonia
-Nitrates
Nitrates
Nitrogen cycle
Sewage stabilization
Waste stabilization ponds

Densification 1308

RT Compacted soils
-Compaction
-Compression
-Consolidation
Loose soils
Rolled fills
Rolling
Soil compaction
Soil stabilization

Densimeters 1402

UF Density meters
BT -Measuring instruments
-Meters
NT Hydrometers
RT -Density
Field density
Laboratory equipment
Specific gravity

Density 1407

BT -Physical properties
NT Bulk density
Critical density
Dry density
Field density
In place density
Relative density
Rock density
Soil density
RT Air void ratio
Bulk
Bulk modulus
Buoyancy
-Compaction
Compaction tests
Compressibility
Compressible soils
Compression curves
Concrete properties
-Consolidation
-Densimeters
Density currents
-Diffusion
-Flow
Geophysical logging
Hydrometers
Hydrometry
Internal friction
Mass
Nuclear density meters
Opacity
Optimum moisture content
-Population
Pore size
Proctor curves
Reynolds number
Rock properties
Specific gravity
Specific weight
Stokes law
Turbidity
Turbidity currents
Unit weight
-Void ratio
Water flux
Wet weight

Density currents 0808

BT -Currents (water)
RT -Density
Density stratification
Heat flow
Multilevel outlets
Sea water intrusion
Selective level releases
-Slopes
Thermal gradient
Turbidity currents
Underflow

Density-flow 0808

BT -Flow
-Movement

RT -Linnology

-Reservoir operation
Specific weight
-Stratification
Stratified flow
Thermal stratification

Density meters

USE Densimeters

Density probes (soil)

USE Soil density probes

Density stratification 0808

BT -Stratification
RT Density currents
-Lakes
Multilevel outlets
-Physical properties
-Reservoirs
Snowpacks
Water properties

Dentated sills 1313.1

RT Baffles
Chute blocks
Chutes
Control structures
Drops (structures)
-Energy dissipation
Energy dissipators
Jet diffusion
-Outlet works
-Spillways
Stilling basins

Depletion 1407

NT Groundwater depletion
RT -Consumption
Consumptive use (water)
Depreciation
-Discharge (water)
Diversion
-Drawdown
Exploitation
Groundwater mining
Oil wells
Overdraft
Recession curves
-Reduction
-Reservoirs
Reservoir storage
Sale yield
-Subsidence
Water consumption
-Water utilization
-Water wells
Withdrawal

Deposition 1407

RT Aggradation
Alluvial streams
-Beaches
Bottom sediments
Braiding
Coagulation
-Coatings
Degradation (stream)
Deltas
Dune sands
Flood plains
-Geologic deposits
Glaciation
Graded
-Hydrogeology
Incrustation
Jacks (structural shape)
Lacustrine deposits
Metal coatings
Piling
Reservoir siting
Sand bars
Scaling
Sedimentary petrology
-Sedimentation
Sedimentation rates
Sediment concentration
Sedimentology
Sediment production
-Sediment transport
-Separation techniques
-Settling basins
Settling velocity
Shoaling
Stable channels
Stokes law
Streambed profiles
-Subsidence

Deposition (pesticides)

USE Pesticide residues

Deposits (aeolian)

USE Aeolian soils

Deposits (alluvial)

USE Alluvial deposits

Deposits (fluvial)

USE Alluvium

Deposits (glacial)

USE Glacial deposits

Deposits (lacustrine)

USE Lacustrine deposits

Deposits (terrace)

USE Terrace deposits

Depreciation 0503

RT Accounting
Age
Amortization
Appreciation
-Costs
-Depletion
Deterioration
-Durability
Economic life
Engineering economy
Engineering obsolescence
Equipment costs
Finance
Life expectancy
-Obsolescence
Project life
-Reduction
-Regulations
-Return (monetary)
Salvage value
-Shrinkage
Sinking fund
-Value
Value engineering

Depression 1407

RT -Basins
-Economics
Inflation (economic)
-Lakes
Playas
-Ponds
Potholes
-Reduction
-Subsidence

Depression storage 0808

BT -Storage
-Water storage
RT Closed basins
Infiltration
-Precipitation (atmospheric)
-Surfaces
Surface storage
-Water loss

Depth 1407

BT -Dimensions
RT -Auratic environment
Bathythermographs
Channel morphology
Contours
Deep water
Depth-area curves
Depth-area-duration analysis
Distance
Elevation
Energy gradient
Fathometers
Height
Hydraulic gradient
Hydraulic jump
Hydraulic radius
-Precipitation gages
Precipitation rate
Pressure head
Shallow water
Sounding
Specific head
Stream gages
Vertical migration
Water equivalent
-Water table
Width

DEPTH-AREA CURVES

Depth-area curves 0808

- UF Area-depth curves
- RT Depth
 - Depth-area-duration analysis
 - Distribution patterns
 - Frequency
 - Hydrographs
 - Rainfall
 - Rainfall disposition
 - Rainfall-runoff relationships
 - Synoptic analysis
 - Weather patterns

Depth-area-duration analysis

- 0808
- UF DAD analysis
- BT -Analytical techniques
- RT Depth
 - Depth-area curves
 - Distribution patterns
 - Duration curves
 - Flood hydrographs
 - Flow duration
 - Hydrologic data
 - Mass curves
 - Rainfall
 - Rainfall disposition
 - Rainfall intensity
 - Rainfall-runoff relationships
 - Period
 - Runoff forecasting
 - Synoptic analysis
 - Time

Depth finding

- USE Sounding

Depth recorders 1403

- BT -Detectors
 - Recording systems
- RT -Gages
 - Instrumentation
 - Liquid level gages
 - Measuring instruments
 - Meters
 - Pressure gages
 - Pressure measuring instruments
 - Sonar
 - Sounding
 - Water levels

Depth sounding

- USE Sounding

Deriaz pump turbine 1307.1

- BT -Equipment
 - Hydraulic machinery
 - Hydraulic turbines
 - Machines
 - Pumps
 - Pump turbines
 - Reversible turbines
 - Turbines
- RT Axial flow
 - Drift tubes
 - Flow control
 - Hydraulic design
 - Low head
 - Mixed flow pumps
 - Pumped storage

Derricks

- USE Hoisting machinery

Desalination 1302.5

- UF Saline water conversion
 - Salt extraction
 - Sea water conversion
 - Water desalting
- BT -Demineralization
 - Separation techniques
 - Water treatment
- NT Nuclear desalting
- RT Aqueous solutions
 - Boule flotation
 - Byproducts
 - Chelation
 - Desalination apparatus
 - Desalination plants
 - Desalination processes
 - Desalting
 - Dual-purpose nuclear plants
 - Electrochemistry
 - Electrodialysis
 - Evaporation
 - Evaporation reservoirs
 - Feed water
 - Flash distillation
 - Flash evaporators

- Impaired water quality
- Liquid wastes
- Long-tube vertical distillation
- Multistage flash distillation
- Nuclear powerplants
- Permeable membranes
- Potable water
- Purification
- Reverse osmosis
- Saline water
- Saline water systems
- Salinity
- Salt removal
- Scaling
- Sea water
- Semipermeable membranes
- Separation
- Solvent
- Treatment
- Vaporization
- Waste disposal
- Waste heat
- Water chemistry
- Water costs
- Water purification
- Water quality
- Water softening
- Water sources
- Water treatment plants
- Water yield

Desalination apparatus 1302.5

- RT Condensers (liquefiers)
 - Desalination
 - Electrodes
 - Evaporation reservoirs
 - Evaporators
 - Heat exchangers
 - Permeable membranes
 - Semipermeable membranes
 - Solar stills
 - Thin films

Desalination plants 1302.5

- RT -Buildings
 - Desalination
 - Dual-purpose nuclear plants
 - Evaporation reservoirs
 - Facilities
 - Industrial plants
 - Nuclear powerplants
 - Nuclear reactors
 - Pilot plants
 - Treatment facilities
 - Water supply
 - Water supply systems

Desalination processes 1302.5

- RT -Demineralization
 - Desalination
 - Dialysis
 - Distillation
 - Dropwise condensation
 - Electrodialysis
 - Evaporation reservoirs
 - Flash distillation
 - Flash freezing
 - Freezing
 - Hydrate processes
 - Ion exchange
 - Ion transport
 - Long-tube vertical distillation
 - Membrane processes
 - Reverse osmosis
 - Separation techniques
 - Solvent extractions
 - Transport depletion
 - Vapor compression distillation

Desalting 1308

- RT Abrasive blasting
 - Demineralization
 - Desalination
 - Removal
 - Saline water
 - Salt removal
 - Scale (corrosion)
 - Scale prevention
 - Scaling

Descriptors 0502

- RT Abstracts
- Acronyms
- Documentation
- Indexes (documentation)
- Indexing
- Information retrieval
- Information science
- Keywords

Thesaurus

Desert animals

- USE Xerophilic animals

Desert plants 0603.1

- BT -Plants (botany)
- NT Cacti
 - Seepwillow
- RT Chaparral
 - Deserts
 - Halophytes
 - Mesquite
 - Phreatophytes
 - Plant groupings
 - Rabbitbush
 - Range management
 - Sagebrush
 - Tamarisk
 - Xerophytes

Deserts 0806

- BT -Biomes
 - Geography
 - Land
- RT Arid climates
 - Arid lands
 - Desert plants
 - Dunes
 - Dune sands
 - Environments
 - Playas
 - Regions
 - Semi-arid climates
 - Terrain
 - Terrestrial habitats

Desert soils

- USE Sierozems

Desiccants 1107

- RT Absorbers
 - Absorption
 - Adsorbents
 - Agricultural chemicals
 - Calcium chloride
 - Chemcontrol
 - Chemicals
 - Chemical warfare
 - Detolants
 - Dehydration
 - Driers
 - Drying
 - Evaporators
 - Moisture content
 - Pest control
 - Pesticides
 - Translocation

Design 1407

- Use of a more specific term is recommended

- NT Bridge design
 - Building design
 - Canal design
 - Channel design
 - Dam design
 - Electrical design
 - Foreign design practices
 - Hydraulic design
 - Irrigation design
 - Limit design
 - Minimum weight design
 - Network design
 - Optimum design
 - Pipe design
 - Reservoir design
 - Road design
 - Seismic design
 - Structural design
 - Tunnel design

RT

- Architecture
 - Creativity
 - Dead loads
 - Design assumptions
 - Design criteria
 - Design data
 - Design earthquake
 - Designers
 - Design flood
 - Design flow
 - Design improvements
 - Design modifications
 - Design practices
 - Design standards
 - Design storm
 - Design strength
 - Design tools
 - Engineering

Engineering services

- Engineering structures
- Evaluation
- Foreign activities
- Model studies
- Networks
- Progress reports
- Public works
- Reliability
- Research and development
- Safety factors
- Specifications
- Structural analysis
- Structural engineering
- Technology
- Trigonometry
- Work

Design assumptions 1407

- RT Building codes
 - Building design
 - Design
 - Design criteria
 - Design data
 - Design earthquake
 - Designers
 - Design practices
 - Design standards
 - Design tools
 - Optimum design
 - Safety factors
 - Structural design

Design criteria 1407

- UF Criteria (design)
- BT -Criteria
- RT Allowable stress
 - Building codes
 - Building design
 - Codes
 - Design
 - Design assumptions
 - Design data
 - Design earthquake
 - Design flow
 - Design practices
 - Design standards
 - Design strength
 - Design tools
 - Operating criteria
 - Optimum design
 - Safety factors
 - Structural design
 - Tunnel design
 - Wind tunnels

Design data 1407

- RT Allowable stress
 - Building codes
 - Data collections
 - Design
 - Design assumptions
 - Design criteria
 - Design earthquake
 - Design flood
 - Design flow
 - Design practices
 - Design standards
 - Design strength
 - Design tools
 - Dimensions
 - Field data
 - Field investigations
 - Field tests
 - First order surveys
 - Investigations
 - Maps
 - Strength of materials
 - Structural design
 - Surveys

Design earthquake 0811

- BT -Earthquakes
- RT -Design
 - Design assumptions
 - Design criteria
 - Design data
 - Earthquake engineering
 - Earthquake loads
 - Earthquake-resistant structures
 - Earthquake theory
 - Intensity
 - Safety factors
 - Seismic design
 - Seismic stability
 - Seismology
 - Soil dynamics

THESAURUS OF TERMS

Designers 0509

- BT - Personnel
- Professional personnel
- RT Architects
- Design
- Design assumptions
- Design practices
- Engineering personnel

Design flood 0808

- UF - Standard project flood
- BT - Floods
- RT Dam design
- Dams
- Design
- Design data
- Design storm
- Flood control
- Flood damage
- Flood hydrographs
- Flood peaks
- Flood waves
- Hydrographs
- Hydrologic aspects
- Maximum probable flood
- Peak discharge
- Peak floods
- Probable maximum precipitation
- Project planning
- Regional flood

Design flood (spillway)

- USE Spillway design flood

Design flow 0808

- BT - Flow
- Movement
- RT - Abatement
- Backwater profiles
- Canals
- Design
- Design criteria
- Design data
- Design storm
- Flood peaks
- Floods
- High velocity
- Hydraulic design
- Hydrographs
- Low-flow augmentation
- Spillway crests
- Spillway design flood
- Spillways
- Streamflow regulation
- Streams
- Water surface profiles
- Water tunnels (testing)

Design improvements 1407

- RT Change orders
- Conversion
- Correction
- Design
- Design modifications
- Design practices
- Design standards
- Economies
- Innovation

Design modifications 1407

- RT Change orders
- Conversion
- Correction
- Design
- Design improvements
- Design standards

Design practices 1407

- RT Building codes
- Building design
- Design
- Design assumptions
- Design criteria
- Design data
- Designers
- Design improvements
- Design standards
- Design strength
- Design tools
- Methodology
- Minimum weight design
- Optimum design
- Slope deflection method
- Structural design

Design practices (foreign)

- USE Foreign design practices

Design standards 1407

- BT - Standards
- RT Allowable stress
- Building codes
- Codes
- Design
- Design assumptions
- Design criteria
- Design data
- Design improvements
- Design modifications
- Design practices
- Design strength
- Design tools
- Safety factors
- Specifications
- Structural design

Design storm 0808

- BT - Storms
- RT - Design
- Design flood
- Design flow
- Distribution patterns
- Flood hydrographs
- Flood peaks
- Flood waves
- Hydrographs
- Intensity
- Rainfall
- Runoff
- Snowmelt
- Synthetic hydrology

Design strength 1407

- BT - Physical properties
- Strength
- RT - Bearing capacity
- Bearing strength
- Design
- Design criteria
- Design data
- Design practices
- Design standards
- Load factors
- Mechanical properties
- Optimum design
- Safety factors
- Strength of materials

Design tools 1407

- RT - Computers
- Design
- Design assumptions
- Design criteria
- Design data
- Design practices
- Design standards
- Influence charts
- Models
- Structural design

Desilting 0808

- BT - Separation techniques
- RT Channel improvements
- Desilting method
- Desilting works
- Dredging
- Reservoir control
- Reservoir siltation
- Sedimentation
- Sedimentation tanks
- Sediment control
- Separation
- Settling basins
- Silting
- Suspension

Desilting method 1302

- RT Channel improvements
- Desilting
- Desilting works
- Dredging
- Reservoir control
- Separation

Desilting works 1302

- RT Desilting
- Desilting method
- Settling basins

Desmersal fishes 0603.2

- BT - Animals
- Aquatic animals
- Aquatic life
- Benthic fauna
- Benthos
- Fish
- Marine animals

- Marine fish
- Saline water fish
- Wildlife
- RT Animal groupings
- Fish types

Desorption 0701 0704

- BT - Separation
- RT - Absorption
- Adsorption
- Sorption

Destructive tests 1402

- BT - Tests
- RT Corrosion tests
- Laboratory tests
- Nondestructive tests
- Test equipment
- Test machines
- Test procedures
- Ultimate tensile strength

Detection 1711

- NT Sounding
- RT - Detectors
- Direction finding
- Exploration
- Inspection
- Metal detectors
- Metering
- Nondestructive tests
- Probes (instruments)
- Remote sensing
- Sensors
- Warning systems

Detectors 1711

- NT Depth recorders
- Geiger counters
- Hydrophones
- Infrared detectors
- Metal detectors
- Moisture sensors
- Photometers
- Pressure sensors
- Radiation detectors
- Scintillation counters
- Sensors
- Temperature sensors
- Thermocouples
- RT - Acoustic equipment
- Control systems
- Counters
- Detection
- Detectors
- Direction finding
- Gages
- Geophones
- Indicators
- Instrumentation
- Liquid level gages
- Meters
- Piezoelectric transducers
- Pilot spheres
- Pilot tubes
- Probes (instruments)
- Radar
- Radiation measurement
- Radiation measuring equipment
- Receivers
- Recording systems
- Safety
- Seismographs
- Semiconductors
- Sonar
- Tracers
- Tracking techniques
- Transducers
- Warning systems

Detention

- USE Storage

Detention reservoirs 1302.6

- BT - Bodies of water
- Impoundments
- Lakes
- Reservoirs
- Standing waters
- Surface waters
- RT Check dams
- Flood control
- Forebays
- Multiple purpose reservoirs
- Pondage
- Reservoir capacity
- Reservoir operation
- Reservoir storage

Detergents 1111

- UF - Synthetic detergents
- BT - Chemicals
- RT Alkylbenzene sulfonates
- Chemical wastes
- Cleaning
- Domestic wastes
- Foam fractionation
- Foaming
- Foam separation
- Hardness (water)
- Linear alkylate sulfonates
- Soaps
- Soil contamination
- Sulfonates
- Surfactants
- Water pollution sources
- Water softening
- Wetting agents

Deterioration 1407

- RT Abrasion
- Aging (physical)
- Alkali aggregate reactions
- Bridge failure
- Cement-aggregate reaction
- Chalking
- Chemical stability
- Corrosion
- Damages
- Dam failure
- Decomposing organic matter
- Decomposition
- Degradation
- Degradation (decomposition)
- Depreciation
- Disintegration
- Durability
- Engineering obsolescence
- Erosion
- Failure
- Failure (mechanics)
- Freeze-thaw durability
- Life expectancy
- Spalling
- Weathering
- Weight loss
- Wood preservatives (pesticides)

Detonation 1904

- RT - Blasting
- Blasts
- Charges (explosives)
- Combustion
- Excavation
- Explosions
- Explosive excavation
- Explosives
- Fuses (explosives)
- Nitroglycerin
- Nuclear excavation
- Presplit blasting
- Rock excavation
- Safety
- Underwater explosions

Detrital soils 0807

- BT - Earth materials
- Materials
- Soils
- RT Alluvium
- Colluvium
- Detritus
- Disintegration
- Erosion
- Fragmented materials
- Rocks
- Rubble
- Sedimentary loess
- Sediments
- Soil formation
- Talus
- Weathering

Detritus 0807

- BT - Geologic deposits
- RT - Colluvium
- Decomposing organic matter
- Degradation (decomposition)
- Detrital soils
- Disintegration
- Erosion
- Residual soils
- Rubble
- Scour
- Sediments
- Weathering

DETRITUS

DEUTERIUM

Deuterium 1802

- UF Hydrogen isotopes
- BT -Isotopes
- RT Heavy water
- Hydrogen
- Tritium

Developed waters 0808

- UF Artificial flow
- BT -Watercourses (legal)
- Water types
- RT Deep-well pumping
- Water control
- Water law
- Wells

Developing countries 0504

- UF Underdeveloped countries
- RT Foreign activities
- Foreign construction
- Foreign policies
- Foreign projects
- International compacts

Development farms 0202

- UF Farms (development)
- BT -Farms
- RT Agricultural engineering
- Agriculture
- Conservation
- Crops
- Demonstration farms
- Experimental farms
- Farm management
- Irrigation
- Land development
- Land management
- Land settlement

Dew 0402

- BT -Condensation
- RT Dew point
- Frost
- Microenvironment
- Rime

Dewatering 1308 1315

- UF Unwatering
- RT Centrifugation
- Condensation
- Dam construction
- Deep wells
- Dehydration
- Drainage
- Drainage engineering
- Drainage practices
- Drainage systems
- Drains
- Drain tiles
- Drawdown
- Drying
- Electroosmosis
- Evaporation
- Excavation
- Extraction
- Filtration
- Groundwater
- Groundwater depletion
- Groundwater flow
- Mine water
- Processing
- Pumping
- Sand drains
- Sand filters
- Subsurface drains
- Sumps
- Surface drainage
- Tile drains
- Underdrains
- Wellpoints
- Wells

Dew point 0402

- RT Air temperature
- Climatology
- Dew
- Hot winds
- Humidity

Diabase 0807

- UF Dolerite
- BT -Basic rocks
- Igneous rocks
- Rocks
- Volcanic rocks
- RT Basalt

Diagenesis 0807

- BT -Sedimentation

- Separation techniques
- RT Sedimentology

Diagrams 0502

- NT Arrow diagrams
- Phase diagrams
- RT -Charts
- Drawings
- Geometry
- Graphical analysis
- Nomographs
- Plans
- Visual aids

Dial gages 1402

- BT -Gages
- Instrumentation
- Measuring instruments
- Test equipment
- RT Extensometers
- Strain gages
- Thickness
- Transducers

Dialysis 0701 0704

- BT -Membrane processes
- Separation techniques
- NT Electrolysis
- RT Decalcination processes
- Diaphragms (mechanics)
- Diffusion
- Extraction
- Membranes
- Osmosis
- Separation
- Water purification
- Water treatment
- Water treatment plants

Diamond bits

- USE Core drilling

Diamonds 0807

- BT -Minerals
- RT Abrasives
- Carbon

Diapause 0616

- BT -Growth stages
- Life cycles
- RT -Animal physiology
- Insects

Diaphragms (mechanics) 1402

- RT -Dialysis
- Electrolytic cells
- Membranes
- Osmosis
- Pressure cells

Diatomaceous earth 0807

- UF Earth (diatomaceous)
- BT -Earth materials
- Materials
- Soils
- RT -Algae
- Diatomite
- Diatoms
- Filters
- Fluid filters
- Silica
- Water purification

Diatomite 0807

- BT -Rocks
- Sedimentary rocks
- RT Diatomaceous earth
- Diatoms

Diatoms 0603.1

- BT -Algae
- Aquatic algae
- Aquatic microorganisms
- Plants (botany)
- RT -Chrysophyta
- Diatomaceous earth
- Diatomite
- Fluid filters

Diazinon 0606

- BT -Chemical compounds
- Chemicals
- Insecticides
- Organic pesticides
- Organophosphorus compounds
- Organophosphorus pesticides
- Pesticides
- Phosphorus compounds
- Phosphothioate pesticides

- Sulfur compounds

2,6-Dichlobenil 0606

- BT -Chemicals
- Chlorinated hydrocarbon pesticides
- Halogenated pesticides
- Herbicides
- Organic compounds
- Organic pesticides
- Pesticides

Dicots 0603.1

- BT -Plants (botany)

- NT Alfalfa
- Alligatorweed
- Alsike clover
- Apples
- Ash trees
- Beans
- Birch trees
- Black locust trees
- Blueberries
- Brush
- Cach
- Carrots
- Chaparral
- Citrus fruits
- Clovers
- Cotton
- Cottonwoods
- Cranberries
- Crimson clover
- Deciduous trees
- Fiber crops
- Forage legumes
- Grapefruit
- Halopetal
- Hickory trees
- Indigo clover
- Legumes
- Lemons
- Lespedeza
- Lettuce
- Lilac
- Limes
- Macadamia
- Maple trees
- Metons
- Mrsquite
- Oak trees
- Oilseed crops
- Oranges
- Peaches
- Peanuts
- Pecans
- Pome fruits
- Potatoes
- Rabbitbush
- Red clover
- Sagebrush
- Sago pondweed
- Scopwillow
- Shrubs
- Snapdragons
- Soybeans
- Stinging nettles
- Strawberries
- Sugar beets
- Sweet potatoes
- Sycamore trees
- Tamarisk
- Tobacco
- Tomatoes
- Velch
- Vine crops
- Water hyacinth
- White clover
- Willow trees
- RT Forage mixtures
- Fruit crops
- Orchards
- Sugar crops
- Tropical fruits

Dictionaries 0502

- BT -Documentation
- RT Information retrieval
- Languages
- Libraries
- Machine translating
- Nomenclatures
- Semantics
- Thesaurus
- Translating
- Vocabularies

Dieldrin 0606

- BT -Chemicals

THESAURUS OF WATER RESOURCES TERMS

- Chlorinated hydrocarbon pesticides
- Halogenated pesticides
- Insecticides
- Organic compounds
- Organic pesticides
- Pesticides

Dielectric properties 2003

- BT -Electrical properties
- Properties
- RT Capacitance
- Polarization

Dielectrics 2003

- RT Buried cables
- Capacitors
- Electrical properties
- Electric conductors
- Electrochemistry
- Electroanalysis
- Electrokinetics
- Electrostatics
- Underground cables
- Underground transmission lines

Diel migration 0606

- BT -Migration
- RT Biorhythms
- Diurnal
- Diurnal distribution
- Migration patterns
- Temporal distribution

Dies 1309

- RT -Castings
- Extrusions
- Hand tools

Diesel engines 2107

- UF Engines (diesel)
- BT -Internal combustion engines
- RT -Construction equipment
- Electric power
- Fuels
- Injectors

Diesel fuel

- USE Fuel oil

Diets 0616

- NT Fish diets
- RT -Digestion
- Foods
- Metabolism
- Nutrient requirements
- Nutrients

Differences (finite)

- USE Finite differences

Differential displacements 0811

- 1313
- RT Differential settlement
- Displacements
- Earth movements
- Earthquakes
- Foundations
- Landslides
- Settlement (structural)
- Structural behavior

Differential equations 1201

- BT -Analysis
- Mathematical analysis
- Mathematical studies
- Mathematics
- NT Laplace equation
- RT Boundary values
- Calculus
- Discontinuities
- Discontinuities
- Finite difference method
- Finite differences
- Finite element method
- Fourier analysis
- Integrals
- Integration (mathematics)
- Numerical analysis
- Transformations
- Vector analysis

Differential settlement 1313.6

- BT -Settlement (structural)
- RT -Consolidation
- Differential displacements
- Displacements
- Flexible foundations
- Footings

THESAURUS OF TERMS

Differential settlement (Con.)

Foundation bearing tests
Foundation failure
-Foundations
-Rigid foundations
Shallow subsidence
Soil mechanics
-Structural design
-Subsidence

Differential thermal analysis 0704

UF DTA
BT -Analysis
-Analytical techniques
-Chemical analysis
-Thermal analysis
RT Mineral analysis
Qualitative analysis
-Quantitative analysis

Diffraction 2006

NT X-ray diffraction
RT Attenuation
Diffraction
-Optical properties
-Propagation
-Refraction

Diffused surface water

USE Surface runoff

Diffusers 1309

RT Air circulation
Baffle piers
Baffle plates
Baffles
-Deflectors
-Diffusion
Flow deflectors
Jet diffusion
Lighting equipment
Louvers
-Mixers
Nozzles
Vents

Diffusion 1407

UF Molecular diffusion
BT -Chemical properties
-Transport phenomena
NT Electroosmosis
Ion diffusion
Jet diffusion
-Osmosis
Reverse osmosis
Thermal diffusion
RT Adoption of practices
Baffles
-Circulation
-Currents (water)
-Density
-Dialysis
Diffusers
Diffusivity
-Dilution
Dispersion
Dissipation
Electrolytes
-Energy dissipation
-Energy transfer
Equilibrium
-Evaporation
-Extraction
-Flow
Groundwater movement
-Hydraulics
-Ion exchange
-Ion transport
Jets
Mass transfer
Mixing
Mixing length
-Penetration
Percolation
Permeability
-Propagation
Reflection
Salt velocity method
Scattering
-Separation
-Separation techniques
-Soil moisture
-Soil water
Soil water movement
Spraying
-Surface properties

Diffusivity 1407

BT -Hydrologic properties
-Physical properties

RT -Aquifers
Capillary action
-Diffusion
Permeability
Porous media
Specific yield
Storage coefficient
Transmissivity

Digestion 0616 0701

UF Ingestion (biologicall)
NT Anaerobic digestion
Sludge digestion
RT Anaerobic processes
Animal metabolism
-Animal physiology
Autoclaves
-Biodegradation
-Biology
-Conversion
-Decomposition
-Diets
Digestion tanks
Food habits
Hydrolysis
-Metabolism
-Nutrients
Water requirements

Digestion (sludge)

USE Sludge digestion

Digestion tanks 1302.1

BT -Containers
-Tanks (containers)
RT Autoclaves
-Digestion

Digital computers 0902

BT -Computers
-Electronic equipment
RT Analog computers
Analog to digital converters
Computation
Computer programming
-Data processing
Digital recording
Digital systems
Digital to analog converters
Hybrid computers
Programming languages

Digital recording 1403

RT Analog to digital converters
Coding
-Data processing
Data storage
Digital computers
Digital systems
Magnetic recording
-Recording systems

Digital systems 0902

UF Binary systems (digital)
RT -Analog models
Analog to digital converters
-Analytical techniques
-Counters
Data transmission systems
Digital computers
Digital recording
Digital to analog converters
Electric analogs
Hybrid computers

Digital to analog converters 0902

UF Converters (digital-to-analog)
RT Analog computers
-Analog models
Analog to digital converters
Data transmission systems
Digital computers
Digital systems
Hybrid computers

Digitizers

USE Analog to digital converters

Dikes 1313.1

BT -Embankments
RT -Barriers
Borrow pits
Check dams
-Check structures
Cofferdams
Compacted soils
-Dams
Diversion dams
Diversion structures

-Earth dams
-Earthfill
-Earth handling equipment
Earthmoving
-Earthworks
-Fills
Flood control
Flood protection
Groins (structures)
-Igneous rocks
-Irrigation systems
Jettyes
Levees
-Retaining walls
Revetments
River training
Rolled fills
Shore protection
Underseepage
Zoned embankments

Dilatation 1407

BT -Expansion
-Volume change
RT Confining pressure
Dilation
-Liquefaction
-Mechanical properties
Volume

Dilation 1407

BT -Expansion
-Volume change
RT Dilation
-Mechanical properties
Swelling

Dilution 0704

NT Waste dilution
RT Concentration
-Diffusion
Dispersion
-Disposal
Dissipation
Mixing
-Reduction
Sewage treatment plants
-Solutions
Stream pollution
-Treatment
-Water pollution

Dilution (wastes)

USE Waste dilution

Dimensional analysis 1201

BT -Analysis
-Analytical techniques
RT -Dimensions
Froude number
-Mathematical analysis
-Models
Reynolds number
Weber number

Dimensions 1407

BT -Physical properties
NT Altitude
Depth
Dry weight
Height
Length
Thickness
Thinness
-Time
-Weight
Width
RT Acreage
Amplitude
Areal
Design data
Dimensional analysis
Distance
Drainage density
Geometry
Gradation
-Gradation analysis
Graded
Grain sizes
Lake morphometry
Magnitude
Mass
Mean diameter
-Measurement
Median diameter
-Physics
-Shape
-Size
Spacing

DIRECT CURRENT

Spans
Volume

Dinoflagellates 0613

BT -Algae
-Aquatic algae
-Aquatic life
-Aquatic microorganisms
-Aquatic plants
-Microorganisms
-Plants (botany)
-Pyrrophyta
-Seston
RT Red tide

Diodes 0901

RT Electron tubes
Rectifiers
-Semiconductors
Solid state physics

Diorite 0807

BT -Igneous rocks
-Intermediate rocks
-Plutonic rocks
-Rocks
RT Andesite

Dipoles 2003

RT Polarity
Polarization

Dipping 1308

(excludes slope and inclination)
UF Dips
BT -Application methods
RT -Coatings
Galvanizing
Liquids
-Paints
-Protective coatings
Quenching
Wetting

Dips

USE Dipping

Diptera 0603.2

UF Chalcidius
Chironomids
BT -Animals
-Insects
-Invertebrates
NT Midges
Mosquitoes
RT -Aquatic insects
-Benthic fauna
Bloodworms

Diquat 0606

BT -Chemicals
-Halogenated pesticides
-Herbicides
-Organic pesticides
-Pesticides

Direct benefits 0501 0503

UF Primary benefits
BT -Benefits
RT Direct costs
-Economics
Indirect benefits
Project benefits

Direct costs 1401

UF Primary costs
BT -Costs
RT Construction costs
Direct benefits
-Economics
Electric power costs
Engineering costs
Equipment costs
Indirect costs
Labor costs
Operating costs
Overhead costs

Direct current 2003

BT -Electric current
RT Alternating current
-Converters (electrical)
-Electrical properties
Electric batteries
-Electric power
Exciters
Extra high voltage
Ground return
Impulse tests (electrical)

DIRECTION FINDING

Direct current (Con.)

- Phase control
- Protective relaying
- Rectifiers
- Terminal facilities (electrical)
- Ultra high voltage

Direction finding 1703

- RT Alignment
- Antennas
- Astronomy
- Detection
- Detectors
- Locating
- Mapping
- Measuring instruments
- Navigation
- Orientation
- Plane surveying
- Position finding
- Radar
- Radio signals
- Radio waves
- Surveying

Directories 0502

- BT - Documentation
- RT Catalogs
- Classifications
- Indexes (documentation)
- Indexing

Direct runoff

- USE Storm runoff

Direct shear 1212

- BT - Shear
- RT Drained shear tests
- Friction tests
- Shear forces
- Shear strain
- Shear strength
- Shear stress
- Shear tests
- Strength of materials
- vane shear tests

Disasters 1312

- RT - Accidents
- Avalanches
- Bridge failure
- Civil defense
- Dam failure
- Earthquake damage
- Earthquakes
- Extratropical cyclones
- Failure
- Floods
- Forest fires
- Foundation failure
- Hurricanes
- Landslides
- Materials failure
- Safety
- Storms
- Tornadoes
- Tropical cyclones
- Tunnel failure

Discharge (electric)

- USE Electric discharges

Discharge (sediment)

- USE Sediment discharge

Discharge (water) 2004

- UF Release
- Water release
- NT Peak discharge
- RT Air demand
- Channel flow
- Channel morphology
- Current meters
- Darcy's law
- Darcy-Weisbach equation
- Depletion
- Discharge coefficients
- Discharge lines
- Discharge measurement
- Drainage
- Effervescence
- Effluents
- Float wells
- Flood routing
- Floods
- Flow
- Flow augmentation
- Flow control
- Flow duration
- Flow duration curves

Flow measurement

- Flowmeters
- Flow rates
- Fluid flow
- Gates
- Groundwater
- Groundwater movement
- Hydrants
- Hydraulics
- Hydroelectric powerplants
- Hydrographs
- Hydrologic budget
- Hydrologic equation
- Hydrophase diagrams
- Inflow
- Kutter formula
- Low flow
- Mannings equation
- Meanders
- Outlets
- Overland flow
- Rainfall-runoff relationships
- Reservoir yield
- Reynolds number
- Routing
- Runoff
- Specific capacity
- Spillway crests
- Spillway design flood
- Spillway gates
- Spillways
- Springs (water)
- Stage-discharge relations
- Streamflow
- Streamflow depletion
- Stream gages
- Test canals
- Time series analysis
- Venturi flumes
- Venturi meters
- Waste dilution
- Water balance
- Water yield
- Weirs
- Withdrawal

Discharge coefficients 2004

- BT - Coefficients
- RT Bellmouths
- Darcy-Weisbach equation
- Discharge (water)
- Flow duration curves
- Hydraulics
- Kutter formula
- Mannings equation
- Reynolds number
- Stage-discharge relations

Discharge lines 1313.1

- RT - Dams
- Discharge (water)
- Manifolds
- Outlet works
- Penstocks
- Pipelines
- Pipes
- Ring stiffeners
- Trilocations
- Tunnels
- Water tunnels (conveyance)

Discharge measurement 0808 2004

- BT - Measurement
- RT Broad-crested weirs
- California pipe method
- Chezy equation
- Cipolletti weirs
- Current meters
- Darcy-Weisbach equation
- Discharge (water)
- Flowmeters
- Hazen-Williams equation
- Hydraulics
- Kutter formula
- Mannings equation
- Measuring
- Miners inch
- Mixing length
- Orifices
- Pitot tubes
- Rectangular weirs
- Salt velocity method
- Sharp crested weirs
- Stilling wells
- Stream gages
- Stream gaging station
- Submerged weirs
- tee-notched weirs

- Venturi flumes
- Venturi meters
- Water surface profiles
- Well yield

Disclimax 0606

- BT - Climate
- Ecosystems
- Succession

Disconnecting switches 0901

- BT - Control equipment
- Electrical equipment
- Electric switches
- RT Interrupters
- Interrupter switches
- Substations (electrical)
- Switchgear
- Switchyards (electrical)

Discontinuities 1407

- RT Boundary conditions
- Calculus
- Differential equations
- Faults (geology)
- Geologic investigations
- Integrals
- Integration (mathematics)
- Joints (geology)
- Mathematical analysis

Discount rate 0503

- RT - Costs
- Credit
- Interest rate
- Prices
- Rates

Discriminatory pricing 0503

- BT - Pricing

Disease resistance 0616

- BT - Resistance
- RT Crop response
- Environmental effects
- Nutrient requirements
- Physiological ecology

Diseases 0605

- NT - Animal diseases
- Blights
- Blotches
- Botulism
- Fish diseases
- Human diseases
- Non-parasitic diseases (plant)
- Plant diseases
- Rots
- Rusts (fungi)
- Scabs
- Smuts
- Soil-borne diseases
- Spots
- Wills
- Zoonoses
- RT Air pollution effects
- Animal pathology
- Biological warfare
- Biology
- Carriers
- Contamination
- Environmental effects
- Environmental sanitation
- Epidemiology
- Epiphytology
- Epizootiology
- Hosts
- Human pathology
- Incubation
- Infection
- Intermediate hosts
- Microbiology
- Mildews
- Morbidity
- Parasitism
- Plant pathology
- Public health
- Soil contamination effects
- Soil microbiology
- Stream pollution
- vectors (biology)
- Viruses
- Water pollution
- Water pollution effects

Diseconomies of scale 0503

- RT - Benefits
- Cost comparisons
- Costs

THESAURUS OF WATER RESOURCES TERMS

- Economics
- Income
- Return to scale
- Scale effect

Disinfection 0609

- RT Chlorination
- Environmental sanitation
- Treatment
- Water purification

Disintegration 1113

- RT Chalking
- Damages
- Decomposition
- Degradation
- Deterioration
- Detrital soils
- Detritus
- Grinding
- Shaking
- Spalling

Disks (shapes) 1409

- (excludes agricultural disks)
- BT - Geometric shapes
- RT - Shape

Dismantling 1303

- RT - Extraction
- Salvage

Dispensers 1309

- RT Ejectors
- Feeders
- Materials handling equipment

Dispersants 1111

- UF Agents (dispersing)
- BT - Chemicals
- NT Soil dispersants
- RT - Admixtures
- Coagulants
- Deflocculants
- Dispersion
- Emulsifiers
- Emulsifying agents
- Flocculants
- Surfactants
- Water-reducing agents

Dispersion 0704

- RT Aggradation
- Application methods
- Circulation
- Coagulants
- Colloids
- Convection
- Diffusion
- Dilution
- Dispersants
- Dissipation
- Dusting
- Emulsions
- Energy dissipation
- Energy transfer
- Entrainment
- Flocculation
- Flow
- Groundwater movement
- Mass transfer
- Migration
- Mixing
- Mixing length
- Penetration
- Scattering
- Seeds
- Separation
- Smoke
- Soil dispersants
- Solubility
- Spores
- Spraying
- Suspended sediments
- Suspension
- Water pollution

Displacements 1407

- RT Amplitude
- Deflection
- Differential displacements
- Differential settlement
- Distortion (structural)
- Faults (geology)
- Flexible foundations
- Foundation failure
- Heaving
- Influence charts
- Magnitude

THESAURUS OF TERMS

Displacements (Con.)

- Motion
- Movement
- Removal
- Rigid foundations
- Strain
- Vibration

Disposal 1407

- NT Brine disposal
- Radioactive waste disposal
- Refuse disposal
- Sewage disposal
- Sludge disposal
- Toxic waste disposal
- Ultimate disposal
- Waste disposal
- Waste water disposal
- RT Biodegradation
- Cesspools
- Containers
- Contamination
- Conveyances
- Decontamination
- Dilution
- Dissipation
- Distribution
- Earthfill
- Ejection
- Environmental sanitation
- Farm lagoons
- Farm wastes
- Incineration
- Landfills
- Municipal wastes
- Plumbing
- Recreation wastes
- Removal
- Sanitary engineering
- Septic tanks
- Settling basins
- Sewage lagoons
- Sewers
- Storage
- Stream pollution
- Tile drains
- Treatment
- Underdrains
- Vessels
- Waste dilution
- Water pollution

Disposal fields

- USE Soil disposal fields

Disposal wells 0808.1

- BT Wells
- RT Industrial wastes
- Injection wells
- Mine acids
- Mine drainage
- Municipal wastes
- Radioactive waste disposal
- Waste disposal
- Waste water disposal

Dissemination (Information) 0502

- RT Current awareness
- Distribution
- Documentation
- Information retrieval
- Information systems

Dissipation 1407

- RT Attenuation
- Conservation
- Diffusion
- Dilution
- Dispersion
- Disposal
- Purification
- Reduction
- Scattering

Dissipation (energy)

- USE Energy dissipation

Dissipators (energy)

- USE Energy dissipators

Dissolved gases 0704

- BT Gases
- Solutes
- NT Dissolved oxygen
- RT Air entrainment
- Dissolved solids
- Solubility
- Solutions
- Water analysis

Dissolved oxygen 0704

- UF D O
- BT Dissolved gases
- Gases
- Solutes
- RT Aeration
- Biochemical oxygen demand
- Chemical oxygen demand
- Dissolved oxygen analyzers
- Oligotrophy
- Oxygen
- Oxygenation
- Oxygen content
- Oxygen sag
- Photosynthetic oxygen
- Reaeration
- Solubility
- Stratification
- Waste stabilization ponds
- Water analysis

Dissolved oxygen analyzers 1402

- BT Instrumentation
- RT Dissolved oxygen
- Oxygen

Dissolved solids 0704

- RT Dissolved gases
- Mineral content
- Saline groundwater
- Salts
- Solubility
- Soluble salts
- Solutions
- Water analysis

Distance 1407

- RT Altitude
- Depth
- Dimensions
- Elevation
- Extra long distance
- Fetch
- Geometry
- Height
- Length
- Metrology
- Position finding
- Ranges
- Reaches (distance)
- Size
- Spans
- Vision
- Width
- Wind profiles

Distillation 0701 1302.5

- UF Fractionation
- BT Separation techniques
- NT Flash distillation
- Long-tube vertical distillation
- Multistage flash distillation
- Solar distillation
- Vapor compression distillation
- RT Condensation
- Condensers (liquefiers)
- Deminerakization
- Desalination processes
- Droptwise condensation
- Evaporators
- Heat exchangers
- Nuclear desalting
- Purification
- Separation
- Tertiary treatment
- Vaporization
- Waste water treatment
- Water purification

Distortion (optics) 2006

- RT Asymmetry
- Deformation
- Interference
- Lenses (optical)
- Optics
- Refraction
- Symmetry

Distortion (structural) 1313.5

- RT Asymmetry
- Bending
- Buckling
- Camber
- Cracking
- Cracks
- Deflection
- Deformation
- Displacements
- Expansion

- Heaving
- Sagging
- Strain
- Structural analysis
- Swelling
- Symmetry
- Taxiling

Distribution 1407

- Use of a more specific term is recommended

- NT Diurnal distribution
- Ecological distribution
- Load distribution
- Moment distribution
- Pressure distribution
- Sediment distribution
- Shear distribution
- Spatial distribution
- Temporal distribution
- Water distribution (applied)
- RT Allocations
- Configuration
- Disposal
- Dissemination (information)
- Distribution patterns
- Routing
- Scattering
- Transportation
- Water allocation (policy)

Distribution patterns 1407

- RT Average
- Channel morphology
- Depth-area curves
- Depth-area-duration analysis
- Design storm
- Distribution
- Ecology
- Environmental gradient
- Flow nets
- Frequency
- Hydrographs
- Limiting factors
- Mapping
- Meteorology
- Migration
- Pesticide kinetics
- Pollen
- Population
- Profiles
- Rainfall disposition
- Rates
- Rates of application
- Rxt distribution
- Sediment distribution
- Water allocation (policy)
- Water distribution (applied)

Distribution systems 0203.1 1302.1

- BT Gravity irrigation
- Irrigation systems
- NT Border irrigation
- Buried irrigation systems
- Furrow irrigation
- Surface irrigation
- RT Automation
- Concrete pipes
- Ditches
- Laterals
- Loops (electrical)
- Materials handling
- Pipelines
- Pipes
- Public works
- Routing
- Water distribution (applied)
- Water supply systems

Disturbances 1407

- NT Solar disturbances
- RT Auroras
- Demolition
- Interference
- Quick clays
- Radio interference
- Storms
- Surges
- Transient stability
- Turbulence
- Wave generation

Disturbed samples 0813 1402

- BT Samples
- RT Cores
- Remolded soil samples
- Samplers
- Sampling
- Soil investigations

DIVERSION

- Soil samplers
- Soil tests
- Undisturbed samples

Ditches 1302

- NT Contour furrows
- Furrows
- Irrigation ditches
- RT Bypasses
- Canals
- Channels
- Conduits
- Conveyance structures
- Distribution systems
- Diversion structures
- Drainage
- Drainage costs
- Drainage engineering
- Drainage practices
- Drains
- Excavation
- Furrow irrigation
- Gullies
- Gully erosion
- Hydraulic structures
- Irrigation
- Irrigation canals
- Irrigation engineering
- Laterals
- Open channels
- Sublaterals
- Surface irrigation
- Terracing
- Trenches
- Unlined canals
- Water conveyance
- Water spreading

Ditch grass 0603.1

- UF Ruppia maritima
- BT Aquatic life
- Aquatic plants
- Marine plants
- Monocots
- Plants (botany)

Diurnal 1407

- RT Biorhythms
- Diel migration
- Diurnal distribution
- Diurnal variations
- Fluctuation
- Lake breezes
- Land breezes
- Microenvironment
- Migration
- Nocturnal
- Photoactivation
- Sea breezes
- Seasonal
- Stomata
- Thermoperiodism
- Tides
- Time
- Vertical migration

Diurnal distribution 1407

- BT Distribution
- RT Biorhythms
- Diel migration
- Diurnal
- Diurnal variations
- Ecological distribution
- Migration patterns

Diurnal variations 1407

- BT Periodic variations
- RT Biorhythms
- Cycles
- Diurnal
- Diurnal distribution
- Fluctuation
- Freeze-thaw cycle
- Photoperiodism
- Thermographs
- Tidal hydraulics
- Tides
- Timing

Diversification 0503

- RT Capital
- Employment
- Obsolescence
- Specialization

Diversion 0808

- RT Alteration of flow
- Dam construction
- Depletion

DIVERSION DAMS

Diversion (Con.)

- Diversion dams
- Diversion losses
- Diversion loss returns
- Diversion structure
- Diversion tunnels
- Diversion works
- Earth dams
- Flood control
- Interbasin water transfers
- Irrigation practices
- Natural flow doctrine
- Obstruction to flow
- Prior appropriation
- Reasonable use
- Relative rights
- Riparian rights
- Streamflow
- Streamflow depletion
- Water management (applied)
- Water plans
- Water spreading
- Water utilization
- Withdrawal

Diversion dams 1313.1

- BT -Dams
- RT Aprons
- Canals
- Check dams
- Collardams
- Concrete dams
- Concrete structures
- Control structures
- Dikes
- Diversion
- Diversion structures
- Diversion tunnels
- Diversion works
- Earth dams
- Earthenworks
- Embankments
- Flow control
- Headworks
- Irrigation systems
- Overflow
- River closures
- Sluices
- Spillways
- Uplift pressure
- Water control
- Water supply
- Weirs

Diversion losses 0203.1

- BT -Losses
- RT Consumptive use (water)
- Diversion
- Diversion loss returns
- Evaporation
- Seepage
- Seepage losses
- Water loss

Diversion loss returns 0203.1

- RT Diversion
- Diversion losses
- Recirculating irrigation system
- Reclaimed water
- Return flow
- Water loss
- Water reuse

Diversions

- USE Diversion structures

Diversion structures 1313.1

- UF Diversions
- BT -Hydraulic structures
- RT -Barriers
- Bypasses
- Chutes
- Chute spillways
- Concrete structures
- Conduits
- Dam construction
- Dams
- Dikes
- Ditches
- Diversion
- Diversion dams
- Diversion tunnels
- Diversion works
- Fishways
- Flood control
- Floodgates
- Floodways
- Flumes
- Gates

- Interbasin water transfers
- Irrigation design
- Irrigation practices
- locks (waterways)
- Orifices
- Routing
- Sluice gates
- Sluices
- Spillways
- Wasteways
- Water collection systems
- Water spreading

Diversion tunnels 1313.2

- BT -Conduits
- Conveyance structures
- Hydraulic structures
- Tunnels
- Underground structures
- Water tunnels (conveyance)
- RT Bypasses
- Dam construction
- Dams
- Diversion
- Diversion dams
- Diversion structures
- Diversion works
- Flow control
- Interbasin water transfers
- Penstocks
- Pressure tunnels
- River closures
- Spillways
- Tunnel construction
- Tunnel design
- Tunnel hydraulics
- Tunnel linings
- Tunnel plugs
- Unlined tunnels
- Water control

Diversion works 1313.1

- RT Bypasses
- Conduits
- Dam construction
- Dams
- Diversion
- Diversion dams
- Diversion structures
- Diversion tunnels
- Flow control
- Flow deflectors
- Gates
- Gravity irrigation
- Headworks
- Hydraulic engineering
- Interbasin water transfers
- River closures
- Valves
- Water control

D.O.

- USE Dissolved Oxygen

Dobsonflies 0603.2

- BT -Animals
- Aquatic animals
- Aquatic insects
- Aquatic life
- Insects
- Invertebrates

Docks 1310 1313.5

- UF Piers (docks)
- Quays
- Wharves
- NT Drydocks
- RT Bulkhead line
- Bulkheads
- Coastal structures
- Concrete structures
- Gates
- Harbors
- Jetties
- Levees
- Marinas
- Marine engineering
- Mooring
- Piers
- Pile foundations

Documentation 0502

- NT Abstracts
- Dictionaries
- Directories
- Mathematical tables
- Progress reports
- Reports
- Streamflow records

- Tables (data)
- Technical papers
- RT Annotations
- Bibliographies
- Classifications
- Climatic data
- Conferences
- Coordinate indexing
- Data collections
- Data processing
- Data retrieval
- Data storage
- Descriptors
- Dissemination (information)
- Etching
- Hydrologic data
- Indexes (documentation)
- Indexing
- Information centers
- Information retrieval
- Information science
- Information systems
- Keywords
- Libraries
- Publications
- Records
- Report writing
- Reviews
- Selective dissemination
- Subject indexing
- Technical societies
- Technical writing
- Thesaurus
- Translating
- Translations
- Weather data

Dolerite

- USE Diabase

Dolomite 0807

- BT -Calcareous rocks
- Carbonate minerals
- Carbonate rocks
- Minerals
- Rocks
- Sedimentary rocks
- RT Calcite
- Calcium carbonate
- Lime
- Limestone
- Magnesium carbonates
- Marble
- Marl
- Sinkholes
- Soluble rocks

Domes (structural) 1313.5

- BT -Shell structures
- RT Structural shapes
- Thin shell structures

Domestic animals 0205 0603.2

- UF Farm animals
- BT -Animals
- NT Cattle
- Goats
- Hogs
- Livestock
- Poultry
- Sheep
- RT Animal groupings
- Mammal groupings
- Ruminants

Domestic use

- USE Domestic water

Domestic wastes 1302.1

- BT -Wastes
- RT Appliances
- Cesspools
- Detergents
- Domestic water
- Farm wastes
- Garbage dumps
- Municipal wastes
- Organic wastes
- Plumbing
- Septic tanks
- Sewage
- Urine
- Water pollution sources

Domestic water 1302.1

- UF Culinary use
- Domestic use
- BT -Water types
- RT Appliances

THESAURUS OF WATER RESOURCES TERMS

- Beneficial use
- Domestic wastes
- Farm ponds
- Natural use
- Organoleptic properties
- Potable water
- Prior appropriation
- Reasonable use
- Reservoirs
- Riparian rights
- Soaps
- Water allocation (policy)
- Water consumption
- Water quality

Dominant organisms 0606

- BT -Biological communities
- Ecotypes
- RT Biota
- Climate
- Competition
- Ecological distribution
- Ecosystems
- Succession

Dosage 1407

- RT Exposure
- Lethal limit
- Medicine
- Radiation
- Radiation measurement

Double-curvature arch dams

1313.1

- BT -Arch dams
- Concrete dams
- Concrete structures
- Dams
- Engineering structures
- Hydraulic structures
- Structures
- RT -Shell structures
- Thin arch dams
- Trial-load method

Douglas fir trees 0206 0603.1

- BT -Coniferous trees
- Conifers
- Gymnosperms
- Plants (botany)
- Trees
- RT Coniferous forests

Dowels 1305

- BT -Fasteners
- Mechanical fasteners
- Pins (mechanical)
- RT -Bars
- Connectors (mechanical)
- Construction joints
- Contraction joints
- Expansion joints
- Horizontal joints
- Joints (connections)
- Keyways
- Longitudinal joints
- Nails
- Rods
- Slabs
- Structural members
- Transverse joints
- Vertical joints

Down (bird) 0616

- RT -Birds

Downpull (hydraulic)

- USE Hydraulic downpull

Downstream 1407

- RT -Streamflow
- Streams
- Underflow
- Upstream

Dowsing 0808.1

- UF Water witching
- RT -Exploration
- Groundwater

Draft

- USE Withdrawal

Drafting

- USE Drawings

Draft-storage curves 0808

- BT -Curves
- Geometric shapes

THESAURUS OF TERMS

Draft-storage curves (Con.)

- RT Hydrologic data
- Reservoir capacity
- Reservoir operation
- Reservoir storage

Draft tubes 1313.1

- BT -Conduits
- Rigid tubing
- Tubes
- RT Denaz pump turbine
- Engineering structures
- Hydraulic structures
- Hydraulic turbines
- Hydroelectric powerplants
- Kaplan turbines
- Reaction turbines
- Reversible turbines
- Spiral cases
- Submerged flow
- Surges
- Turbine parts
- Turbines
- Water wheels

Drag 2004

- NT Pressure drag
- RT Aerodynamics
- Ballistics
- Boundary layer
- Deceleration
- Friction
- Friction coefficient (hydraulic)
- Negative friction
- Resistance coefficients
- Skin friction
- Thrust
- Wakes
- Wall friction

Draglines 1303

- BT -Construction equipment
- Earth handling equipment
- Equipment
- Excavators
- RT Bulldozers
- Clamshells
- Dredges
- Mobile equipment
- Shovels

Dragonflies 0603.2

- BT -Animals
- Aquatic animals
- Aquatic insects
- Aquatic life
- Insects
- Invertebrates

Drainage 0808.1

- NT Controlled drainage
- Furrow drainage
- Mine drainage
- Mole drainage
- Subsurface drainage
- Superimposed drainage
- Surface drainage
- Tile drainage
- Tile drains
- Underdrains
- RT -Agronomic crops
- Airports
- Arable land
- Chiseling
- Closed basins
- Corrugated metal pipe
- Darcys law
- Dewatering
- Discharge (water)
- Ditches
- Drainage basins
- Drainage effects
- Drainage engineering
- Drainage practices
- Drainage programs
- Drainage systems
- Drainage water
- Drainage wells
- Drains
- Drawdown curves
- Filters
- Flap valves
- Flow nets
- Fluid filters
- Galleries
- Highway engineering
- Horizontal drains
- Hydrographs
- Hydrology
- Land forming

- Land management
- Land preparation
- Land reclamation
- Large watersheds
- Leaching
- Open drains
- Path of pollutants
- Paving
- Peak runoff
- Pervious blankets
- Ponding
- Pumping
- Pumping plants
- Rational formula
- River basins
- Running waters
- Runoff
- Sand filters
- Saturated soils
- Seepage
- Sludge treatment
- Soil conservation
- Soil moisture movement
- Soil reclamation
- Soil water movement
- Subsurface drains
- Sumps
- Surface waters
- Tunnel construction
- Unlined tunnels
- Unsaturated flow
- Vertical mulching
- Waterlogged land
- Water management (applied)
- Water resources management
- Watersheds (basins)
- Water table
- Weepholes
- Wellpoints

Drainage basins 0808

- BT -Basins
- Land forms
- RT Agricultural watersheds
- Catchments
- Demonstration watersheds
- Drainage
- Drainage density
- Flood hydrographs
- Floods
- Headwaters
- Hydrographs
- Hydrology
- Interfluvies
- Rainfall
- River basins
- Runoff
- Sediment yield
- Stream drainage patterns
- Time of concentration
- Watersheds (basins)
- Watersheds (divides)

Drainage costs 1401

- BT -Costs
- RT -Ditches
- Drainage density
- Drainage engineering
- Drainage practices
- Drainage programs
- Drainage systems
- Land reclamation
- Subsurface drains
- Tile drains

Drainage density 0808.1

- RT -Dimensions
- Drainage basins
- Drainage costs
- Geomorphology
- Hydrogeology
- Interfluvies
- Stream drainage patterns
- Tributaries
- Vegetation effects

Drainage districts 0504

- BT -Regions
- RT -Governments

Drainage divides

- USE Watersheds (divides)

Drainage effects 0808.1

- BT -Effects
- RT Allogenic succession
- Crop response
- Drainage
- Drainage practices

- Drainage programs
- Fertilization
- Groundwater
- Habitats
- Irrigation effects
- Karst
- Mush management
- Soil chemical properties
- Soil properties
- Soil water
- Soil-water-plant relationship
- Wildlife management

Drainage engineering 0808.1 1302

- BT -Civil engineering
- Engineering
- RT Agricultural engineering
- Channeling
- Controlled drainage
- Dewatering
- Ditches
- Drainage
- Drainage costs
- Drainage programs
- Drainage systems
- Drain spacing
- Furrow drainage
- Irrigation engineering
- Open drains
- Pumps
- Soil moisture movement
- Tile drainage
- Water management (applied)
- Water resources management

Drainage networks

- USE Drainage systems

Drainage patterns (geologic)

- USE Stream drainage patterns

Drainage practices 0808.1

- RT Controlled drainage
- Dewatering
- Ditches
- Drainage
- Drainage costs
- Drainage effects
- Drainage programs
- Drainage systems
- Farm management
- Furrow drainage
- Land reclamation
- Tile drainage
- Water management (applied)
- Water resources management
- Wellpoints

Drainage programs 0808.1

- BT -Programs
- RT -Administration
- Drainage
- Drainage costs
- Drainage effects
- Drainage engineering
- Drainage practices
- Drainage systems
- Recirculating irrigation system
- Water management (applied)
- Water resources management
- Wildlife conservation

Drainage systems 0808.1

- UF Drainage networks
- RT Contour furrows
- Controlled drainage
- Dewatering
- Drainage
- Drainage costs
- Drainage engineering
- Drainage practices
- Drainage programs
- Drainage water
- Drainage wells
- Drains
- Drain spacing
- Electroosmosis
- Filters
- Flood control
- Fluid filters
- Groundwater recharge
- Horizontal drains
- Irrigation canals
- Irrigation ditches
- Irrigation programs
- Irrigation systems
- Laterals
- Open drains
- Outlets

- Pipes
- Pumping
- Rapid drawdown
- River basin development
- Rivers
- River systems
- Salt water barriers
- Sand drains
- Sand filters
- Sewers
- Storm drains
- Stream drainage patterns
- Streams
- Subsurface drainage
- Subsurface drains
- Sumps
- Surface waters
- Tile drains
- Tile spacing
- Underdrains
- Urbanization
- Waste water
- Water control
- Water management (applied)
- Water resources management
- Watersheds (divides)
- Water wheels
- Wellpoints

Drainage water 0808.1

- UF Waste water (drainage)
- BT -Water types
- RT -Drainage
- Drainage systems
- Excess water (soils)
- Repulsion (legal aspects)
- Riddance (legal aspects)
- Subsurface waters
- Surface runoff
- Surface waters
- Waste water
- Water reuse

Drainage wells 0808.1

- UF Inverted drainage wells
- BT -Water wells
- Wells
- RT Deep wells
- Drainage
- Drainage systems
- Drawdown
- Recharge wells
- Relief wells
- Sumps
- Swamps
- Vertical drains
- Wellpoints
- Well yield

Drained shear tests 0813

- BT -Materials tests
- Shear tests
- Tests
- RT Direct shear
- Effective stress
- Friction
- Friction coefficient (mechanical)
- Laboratory tests
- Soil mechanics
- Soil tests
- Torsion shear tests
- Undrained shear tests

Drain field

- USE Soil disposal fields

Drains 0808.1

- UF Gutters
- BT -Waterways
- NT Chimney drains
- French drains
- Horizontal drains
- Open drains
- Sand drains
- Storm drains
- Subsurface drains
- Tile drains
- Toe drains
- Underdrains
- Vertical drains
- Weepholes
- RT Blowoff structures
- Canals
- Channels
- Clay pipes
- Concrete pipes
- Conduits
- Culverts
- Dewatering

DRAIN SPACING

Drains (Con.)

- Ditches
- Drainage
 - Drainage systems
 - Drain tiles
- Filters
- Fluid fillers
- Grassed waterways
- Gravels
- Inverted filters
- Laterals
- Mole drainage
- Outlet works
- Overflow
- Pipes
- Relief wells
- Sand fillers
- Sewers
- Sumps
- Water collection systems
- Wellpoints

Drain spacing 0808.1

- RT Drainage engineering
- Drainage systems
- Drain tiles
- Horizontal drains
- Hydraulic conductivity
- Phreatic lines
- Subsurface drains
- Tile drains
- Underdrains

Drain tiles 1303

- BT -Building materials
- Ceramic materials
- Closed conduits
- Conduits
- Pipes
- RT Clay pipes
- Concrete pipes
- Dewatering
- Drains
- Drain spacing
- Infiltration
- Piping systems (mechanical)
- Storm drains
- Subsurface drains
- Tile drains
- Tile spacing
- Toe drains
- Underdrains

Drawdown 0808.1

- NT Rapid drawdown
- RT -Aquifers
- Aquifer tests
- Converging flow
- Deep wells
- Depletion
- Dewatering
- Drainage wells
- Drawdown curves
- Field permeability tests
- Flood control
- Forebay drains
- Groundwater depletion
- Groundwater flow
- Hydraulic gradient
- Irrigation wells
- Land subsidence
- Multilevel outlets
- Overdraft
- Phreatic lines
- Pumping
- Pumping tests (wells)
- Pump tests
- Recession curves
- Recharge
- Recharge wells
- Reservoirs
- Shallow wells
- Specific capacity
- Thiem equation
- Thiem test
- Tile spacing
- Water level fluctuations
- Water levels
- Water management (applied)
- Water table
- Water wells
- Wells
- Well spacing
- Well yield
- Withdrawal

Drawdown curves 0808

- BT -Curves
- Geometric shapes

- Profiles
- Water surface profiles
- RT -Drainage
- Drawdown
- Fluid flow
- Open channel flow
- Overfalls
- Phreatic lines
- Pumping
- Reservoir operation
- Water wells
- Wells

Drawings 1405

- UF Drafting
- RT Aesthetics
- Arts
- Charts
- Creativity
- Cross sections
- Diagrams
- Engineering services
- Graphical analysis
- Plans
- Records
- Visual aids

Dredges 1303

- BT -Construction equipment
- Earth handling equipment
- Equipment
- Excavators
- RT Clamshells
- Dredges
- Dredging
- Hydraulic excavation
- Shovels
- Underwater excavation

Dredging 1315

- BT -Underwater excavation
- RT -Borrow areas
- Channel improvements
- Desilting
- Desilting method
- Dredges
- Drilling
- Earth handling equipment
- Earthmoving
- Earthworks
- Excavation
- Exploration
- Flood protection
- Gravel pits
- Hydraulic excavation
- Hydraulic fill dams
- Hydraulic fills
- Hydraulic mining
- Placer mining
- River training
- Spoil
- Stream channels
- Submarine pipelines

Driers

- USE Dryers

Drift 1407

- NT -Aquatic drift
- Littoral drift
- Pesticide drift
- RT Adits
- Drifting (aquatic)
- Drift mining
- Driftwood
- Dunes
- Exploration
- Mines
- Snowpacks
- Stopes
- Subsurface investigations
- Test pits
- Tunnels
- Underground openings
- Unlined tunnels
- Wind erosion

Drift (aquatic)

- USE Aquatic drift

Drift (littoral)

- USE Littoral drift

Drift (pesticide)

- USE Pesticide drift

Drift (snow)

- USE Snowpacks

Drift bottles 1402

- BT -Instrumentation
- RT -Currents (water)
- Hydrologic data

Drifting (aquatic) 0803

- RT -Aquatic drift
- Currents (water)
- Drift
- Seston

Drift mining 0809

- BT -Mining
- RT -Drift
- Gold
- Hydraulic mining
- Mines
- Stopes
- Unlined tunnels

Driftwood 0803

- BT -Aquatic drift
- RT -Drift

Drill holes 1303

- RT Auger borings
- Augers
- Borehole cameras
- Borehole geophysics
- Boreholes
- Boring
- Calyx drills
- Cavities
- Drill hole TV cameras
- Drilling
- Drilling equipment
- Drills
- Electrical well logging
- Exploration
- Foundation investigations
- Logging (recording)
- Logs
- Dil wells
- Percussion drilling
- Pits
- Rock excavation
- Rotary drilling
- Soil investigations
- Sounding
- Subsurface investigations
- Test holes
- Test pits
- Wells

Drill hole TV cameras 1405

- BT -Borehole cameras
- Cameras
- Instrumentation
- Optical instruments
- Photographic equipment
- Recording systems
- RT Boreholes
- Communication
- Drill holes
- Inspection
- Logging (recording)
- Photographs
- Subsurface investigations
- Television
- Well logging

Drilling 1308

- NT Core drilling
- Percussion drilling
- Rotary drilling
- RT Auger borings
- Augers
- Blasting
- Boreholes
- Boring
- Calyx drills
- Casings
- Cutting
- Dredging
- Drill holes
- Drilling equipment
- Drilling fluids
- Drill monitors
- Drills
- Exploration
- Explosive construction
- Foundation investigations
- Geologic investigations
- High explosives
- Jetting
- Locating
- Logging (recording)
- Machining
- Penetration

- Pile driving
- Rock breakage
- Rock foundations
- Rock mechanics
- Sampling
- Sounding
- Subsurface investigations
- Subsurface mapping
- Surveying
- Surveys
- Underground
- Well casings
- Well logging
- Well permits
- Well regulations
- Wells

Drilling equipment 1309

- BT -Equipment
- Machine tools
- NT -Augers
- Calyx drills
- Drills
- Hand augers
- Tunneling machines
- RT Auger borings
- Boring machines
- Construction equipment
- Drill holes
- Drilling
- Grinders
- Mining
- Percussion drilling
- Reamers
- Rock excavation
- Rotary drilling
- Rotating machines

Drilling fluids 0809

- RT Bentonite
- Brines
- Core drilling
- Drilling
- Expansive clays
- Field investigations
- Foaming
- Mud
- Slurries
- Wells

Drill monitors 1402

- BT -Equipment
- Instrumentation
- RT -Drilling

Drills 1309

- BT -Drilling equipment
- Equipment
- NT -Augers
- Calyx drills
- Hand augers
- RT Auger borings
- Drill holes
- Drilling
- Hand tools
- Machine tools
- Mobile equipment
- Reamers
- Rotary drilling
- Well casings

Drinking water

- USE Potable water

Drives 1407

- NT Variable-speed drives
- RT Power transmission (mechanical)
- Transmissions (mechanical)
- Universal joints

Drive samplers 1402

- BT -Samplers
- Soil samplers
- RT Core drilling
- Cores
- Denison samplers
- Piston samplers
- Sampling
- Sediment samplers
- Sediment sampling
- Soil investigations
- Undisturbed samples

Drizzle 0402

- UF Light rain
- BT -Groundwater sources
- Precipitation (atmospheric)
- RT -Drops (fluids)
- Rain

THESAURUS OF WATER RESOURCES TERMS

THESAURUS OF TERMS

DUNE SANDS

Droplets

USE Drops (fluids)

Drops (fluids) 0704

UF Droplets
NT Raindrops
RT Coalescence
-Condensation
Drizzle
Exudation
Nucleation
Particles
Particle size
Surface tension
Trickle irrigation

Drops (structures) 1313.1

BT -Hydraulic structures
RT -Canals
Chute blocks
-Concrete structures
Dentated sills
Energy dissipaters
Hydraulic jump
Locks (waterways)
-Water levels

Dropwise condensation 0704

BT -Condensation
RT Desalination processes
-Distillation

Drought resistance 0616

BT -Resistance
RT Crop response
Droughts
Drought tolerance
-Environmental effects
Heat resistance (biological)
Moisture stress
Physiological ecology
Plant physiology
-Tolerances (plant)

Droughts 0402

UF Cycles (drought)
Drouth cycles
Drouths
RT Arid lands
Catch crops
-Climatology
Drought resistance
Drought tolerance
Dust storms
Hydrologic budget
-Hydrology
Low flow
Moisture deficit
Moisture stress
-Precipitation (atmospheric)
-Runoff
-Stress
Subhumid areas
Supplemental irrigation
Water shortage
-Water storage
-Weather modification

Drought tolerance 0616

BT -Tolerances (plant)
RT Catch crops
Crop response
Drought resistance
Droughts
Moisture stress
Physiological ecology
Plant physiology
-Resistance
-Water storage
-Water utilization

Drouth cycles

USE Droughts

Drouths

USE Droughts

Drowned (submerged) 1407

RT Aquatic soils
Coasts
-Shores
Submergence
Underwater

Drowning 0605

RT First aid
-Hazards
Resuscitation
-Safety

Swimming

Drugs 0615

RT Alkaloids
Medicine
Nitroglycerin

Drum gates 1313.7

BT -Gates
-Hydraulic gates
RT Air chambers
Floodgates
Sector gates
-Spillways

Drum rollers 1303

UF Smooth rollers
BT -Compaction equipment
-Construction equipment
-Equipment
-Rollers
RT -Compaction
-Earth handling equipment
Pneumatic tired rollers
Tamping rollers

Drums 1304 1309

BT -Containers
RT Buckets
Cylinders
-Mixers
-Tanks (containers)
-Vessels

Dry beds 0808

BT -Beds
RT Arid lands
Arroyos
Channel beds
Ephemeral streams
Lake beds
Playa lakes
River beds
-Streambeds

Dry cells

USE Electrolytic cells

Dry density 0813

UF Dry unit weight
Unit weight (dry)
BT -Density
-Physical properties
RT Dry weight
Field density
Mass
-Moisture content
Proctor curves
Rapid compaction control
Soil compaction
Soil density
-Soil physical properties
-Soil properties
-Soil tests
Specific gravity
Unit weight
-Void ratio

Drydocks 1310

BT -Docks
RT Locks (waterways)
Marine engineering

Driers 1309

UF Driers
BT -Equipment
RT Absorbers
Condensers (liquefiers)
Dehydrators
Desiccants
-Evaporators
-Furnaces
Kilns
Ovens

Dry farming

USE Dry land farming

Dry ice 1107

RT Carbon dioxide
Coolants
-Ice
Refrigerants

Drying 1308

NT Forced drying
Freeze drying
Vacuum drying
RT Absorbers

Concentration

-Curing
Dehydration
Dehydrators
Desiccants
Dewatering
Efflorescence
-Evaporation
-Evapotranspiration
-Finishing
Incineration
Kilns
-Moisture content
Preservation
-Separation techniques
Soil shrinkage
Transpiration
-Water loss
Wetting and drying tests
Willing

Dry land farming 0204

UF Dry farming
RT Agricultural engineering
Agriculture
Arid lands
Catch crops
Contour farming
Contour furrows
Crop production
-Crops
Fallowing
Farm management
Rotation
Stubble mulching

Dry pack mortar 1303.1

BT -Concrete construction
-Concrete placing
-Concretes
-Construction materials
RT Caulking
Concrete mixes
-Grouting
Joint fillers
-Plugs

Dry seasons 0402

RT Arid climates
Climatic zones
-Precipitation (atmospheric)
Seasonal

Dry unit weight

USE Dry density

Dry weight 1407

BT -Dimensions
-Physical properties
-Weight
RT Dry density
Gravity
Mass
-Soil physical properties
-Soil properties
Specific gravity
Wet weight

D.T.A.

USE Differential thermal analysis

Dual purpose 1407

RT Multiple purpose
Multiple use

Dual-purpose nuclear plants 1805

BT -Electric powerplants
-Industrial plants
-Nuclear powerplants
-Powerplants
RT -Desalination
Desalination plants
-Electric power production

Dual system 0504.1

RT -Prior appropriation
-Riparian rights

Duck foods

USE Food and cover crops

Ducks (domestic)

USE Poultry

Ducks (wild) 0603.2

BT -Animals
-Aquatic life
-Birds

-Migratory birds

-Waterfowl
-Wildlife
NT American widgeon
Barrows goldeneye duck
Black duck
Blue-winged teal
Bufflehead duck
Canvasback duck
Coastal diving ducks
Common eider duck
Common goldeneye duck
Common merganser duck
Common teal
European widgeon
Fulvous tree duck
Gadwall duck
Greater scaup duck
Green-winged teal
Lesser scaup duck
Mallard duck
Mexican duck
Mottled ducks
Oldsquaw duck
Pintail ducks
Puddleducks
Redhead duck
Ring-necked duck
Ruddy duck
Shoveler duck
Stellers eider duck
White-winged scoter
Wood duck
RT Animal groupings
Bird types
Game birds

Ductility 2012

BT -Mechanical properties
RT Brittleness
Compressibility
Elongation
Fatigue (materials)
Fatigue tests
Flexibility
Hardness
Notch effect
Plastic deformation
-Plasticity
Shear cracks
Stress relaxation
-Tensile properties
-Tensile strength
Tension tests
Toughness
Workability

Ducts 1311

RT Air conditioning
Baffles
Cavities
Cooling systems
-Heating
-Intakes
-Intake structures
-Metalwork
-Outlets
-Pipes
Ports
Steel pipes
Ventilation
Vents

Dugouts 0807

RT Farm ponds
Potholes

Dunes 0806

UF Sand dunes
BT -Land forms
RT -Aeolian soils
Arid lands
-Azonal
-Beaches
Coasts
Deserts
-Drift
Dune sands
Eluvium
Sand bars
-Sands
Sand waves
-Sedimentary structures
Shore protection
Wind erosion

Dune sands 0807

BT -Earth materials
-Granular materials

DUNE SUCCESSION

Dune sands (Con.)

- Materials
- Sands
- Soils
- Soil types
- RT - Aeolian soils
- Arid climates
- Arid lands
- Azonal
- Beach sands
- Deposition
- Deserts
- Dunes
- Eluvium
- Sand waves
- Wind erosion

Dune succession 0606

- BT - Ecosystems
- Succession
- RT - Geomorphology
- Halophytes

Dupuit-Forchheimer theory 0808 1

- RT - Groundwater movement
- Hydrologic models
- Laplace equation
- Permeability
- Porous media
- Well spacing

Durability 1407

- BT - Chemical properties
- Mechanical properties
- NT - Abrasion resistance
- Corrosion resistance
- Freeze-thaw durability
- Wear resistance
- RT - Aging (physical)
- Air entrainment
- Cement-aggregate reaction
- Damages
- Degradation
- Degradation (decomposition)
- Depreciation
- Deterioration
- Erosion
- Fatigue tests
- Freeze-thaw tests
- Life expectancy
- Persistence
- Preservation
- Reliability
- Resistance
- Stability
- Strength
- Vulnerability
- Water-cement ratio
- Wetting and drying tests
- Wood preservatives

Duration curves 0808

- RT - Depth-area-duration analysis
- Flow duration
- Flow duration curves
- Hydrologic data
- Hills: curves
- Runoff
- Runoff forecasting
- Time

Dust 1107

- NT - Sawdust
- RT - Aerosols
- Application methods
- Dusting
- Dust storms
- Formulation
- Granules
- Haze
- Particles
- Particle size
- Pesticide drift
- Powders
- Smoke
- Spores

Dust control 1302

- BT - Control
- RT - Air conditioning
- Air filters
- Air pollution
- Cleaning
- Decoratination
- Dusting
- Electrostatic precipitation
- Pollution abatement
- Soil conservation
- Wetting

Dusting 1308

- BT - Application methods
- RT - Dispersion
- Dust
- Dust control
- Fumigants
- Spraying

Dust storms 0402

- BT - Storms
- RT - Aeolian soils
- Droughts
- Dust
- Eluvium
- Loess
- Soil conservation
- Soil erosion
- Storm structure
- Wind erosion

Duty of water 0203 1

- UF - Water duty
- RT - Acreage
- Consumptive use (water)
- Crop production
- Crop response
- Crops
- Evapotranspiration
- Irrigation efficiency
- Irrigation practices
- Irrigation water
- Rates of application
- Return flow
- Water requirements
- Water utilization

Dye releases 1402

- RT - Analytical techniques
- Dyes
- Fluorescein
- Fluorescence
- Marking techniques
- Path of pollutants
- Tagging
- Tracers
- Tracking techniques

Dyes 1103

- BT - Chemicals
- NT - Fluorescein
- RT - Additives
- Color
- Dye releases
- Fluorescence
- Indicators
- Pigments
- Stains
- Tracers

Dynamic loads 2011

- BT - Loads (forces)
- RT - Cyclic loads
- Dead loads
- Dynamic response
- Dynamics
- Dynamic stability
- Dynamic tests
- Earthquake engineering
- Earthquake loads
- Earthquake-resistant structures
- Earthquakes
- Explosions
- Explosive construction
- Ice loads
- Impact
- Impact loads
- Live loads
- Load distribution
- Loading tests
- Nuclear excavation
- Nuclear explosions
- Repeated loading
- Seismic design
- Seismic stability
- Seismic tests
- Seismology
- Shear waves
- Shock (mechanics)
- Soil dynamics
- Stress waves
- Structural design
- Total loads
- Transient stress
- Vibration
- Vibratory compaction
- Wind bracing

Dynamic programming 1202

- BT - Operations research

RT Computer applications

- Computer programming
- Constraints
- Linear programming
- Mathematical models
- Mathematics
- Simulation

Dynamic properties

- USE Dynamics

Dynamic response 1407

- RT - Amplification
- Damping
- Dynamic loads
- Dynamics
- Dynamic stability
- Dynamic tests
- Dynamometers
- Earthquake damage
- Earthquake-resistant structures
- Earthquakes
- Explosive construction
- Impact tests
- Natural frequency
- Seismic design
- Seismic properties
- Seismic stability
- Seismic tests
- Seismology
- Sensitivity
- Shock (mechanics)
- Shock resistance
- Shock tests
- Soil dynamics
- Stability
- Structural behavior
- Structural design
- Vibration

Dynamics 2011

- UF - Dynamic properties
- BT - Physics
- NT - Aerodynamics
- Fluid dynamics
- Group dynamics
- Hydrodynamic pressure
- Hydrodynamics
- Soil dynamics
- RT - Ballistics
- Dynamic loads
- Dynamic response
- Dynamic stability
- Dynamic tests
- Dynamometers
- Engineering mechanics
- Fluid mechanics
- Hydraulics
- Kinetics
- Mechanics
- Momentum
- Momentum transfer
- Statics
- Velocity
- Vibration

Dynamic stability 1407

- BT - Stability
- RT - Bearing capacity
- Damping
- Dynamic loads
- Dynamic response
- Dynamics
- Dynamic tests
- Earthquake loads
- Earthquake-resistant structures
- Safety factors
- Seismic design
- Seismic properties
- Seismic stability
- Seismic tests
- Slope angles
- Soil dynamics
- Soil properties
- Soil stability
- Stability analysis
- Stabilization
- Structural stability
- Vulnerability

Dynamic tests 1402

- BT - Tests
- NT - Impact tests
- Seismic tests
- Vibration tests
- RT - Dynamic loads
- Dynamic response
- Dynamics
- Dynamic stability

THESAURUS OF WATER RESOURCES TERMS

- Field tests
- Loading tests
- Rock tests
- Shear waves
- Shock (mechanics)
- Shock tests
- Soil dynamics
- Static tests
- Statistical analysis
- Test equipment
- Test machines
- Vibration tables
- Vibratory (mechanical)
- Vibratory compaction

Dynamite

- USE Explosives

Dynamometers 1402

- BT - Electric generators
- Equipment
- Generators
- Instrumentation
- Measuring instruments
- Motor generators
- Test equipment
- RT - Accelerometers
- Dynamic response
- Dynamics
- Gages
- Laboratory equipment
- Power
- Tension
- Tension tests
- Torque
- Velocity

Dystrophy 0606

- RT - Aging (biological)
- Eutrophication
- Fish
- Nutrients
- Oligotrophy
- Oxygen
- Plankton
- Population
- Productivity
- Stagnant water
- Stream pollution
- Surface waters
- Water pollution
- Water properties
- Water quality

E

Early impoundment 1302 6

- BT - Impoundments
- Reservoir stages
- RT - Habitats
- Post-impoundment
- Pre-impoundment
- Reservoirs
- Succession

Earnings 0501 0503

- RT - Budgeting
- Income
- Interest (finance)
- Payment
- Profit
- Revenues
- Risks
- Salaries
- Taxes
- Wages

Earth (diatomaceous)

- USE Diatomaceous earth

Earth (planet) 0301

- BT - Astronomical bodies
- Planets
- RT - Astronomy
- Geodesy
- Geography
- Moon

Earth (soil)

- USE Soils

THESAURUS OF TERMS

Earth-air interfaces
USE Air-earth interfaces

Earth dams 1313.1

UF Earthfill dams
Embankment dams
Fill dams
BT -Dams
-Earthworks
-Embankments
RT Hydraulic fill dams
RT -Barriers
-Borrow areas
-Borrow materials
-Borrow pits
-Chimney drains
-Cofferdams
-Compacted soils
-Compaction
-Concrete dams
-Cutoffs
-Cutoff trenches
-Cutoff walls
-Dam construction
-Dam crests
-Dam design
-Dam facings
-Dam foundations
-Damsites
-Dam stability
-Dikes
-Diversion
-Diversion dams
-Earthfill
-Earth handling equipment
-Earth materials
-Earthmoving
-Fills
-Flow nets
-Forebay dams
-Gravel blankets
-Gravily dams
-Grouting
-Hydraulic fills
-Levees
-Navigation dams
-Outlet works
-Phreatic lines
-Pore pressure
-Rapid drawdown
-Riprap
-Rock blankets
-Rockfill dams
-Rock fills
-Rock slope stability
-Rolled fills
-Seepage control
-Slip-circle method
-Slope angles
-Slope protection
-Soil cement
-Soil compaction
-Soil investigations
-Soil mechanics
-Soil pressure
-Spillways
-Stability analysis
-Test fills
-Toe drains
-Transition zones
-Underseepage
-Vertical drains
-Zoned embankments

Earthfill 1303

BT -Fills
NT Hydraulic fills
RT Backfills
-Compacted soils
-Compaction
-Dikes
-Disposal
-Earth dams
-Earth handling equipment
-Earth materials
-Earthmoving
-Earthworks
-Embankments
-Hydraulic fill dams
-Land forming
-Levees
-Lifts (construction)
-Rock fills
-Rolled fills
-Soil compaction
-Stockpiling
-Waste disposal

Earthfill dams
USE Earth dams

Earth flow
USE Earth movements

Earth handling equipment 1303

UF Graders
Power shovels
Scrapers
Steam shovels
BT -Construction equipment
-Equipment
RT Crushers
Draglines
Dredges
-Excavators
-Rock crushers
-Scarifiers
-Screeners
-Shovels
-Tunneling machines
-Wheel excavators
RT Belt conveyors
Bulldozers
-Compaction equipment
-Construction
-Conveyors
-Cuts
-Dikes
-Dredging
-Drum rollers
-Earth dams
-Earthfill
-Earth materials
-Earthmoving
-Earthworks
-Embankments
-Excavation
-Fills
-Grading (earthwork)
-Hauling
-Land forming
-Levees
-Loaders
-Materials handling
-Mechanical equipment
-Mining
-Pneumatic fired rollers
-Prime movers
-Quarrying
-Rapid excavation
-Road construction
-Rollers
-Tamping rollers
-Tractors
-Tunnel construction

Earth-lined canals 1313.1

BT -Canals
-Channels
-Conduits
-Conveyance structures
-Lined canals
RT Bank erosion
Binders
Canal construction
Canal linings
Earth linings
-Earth materials
-Impervious blankets
-Impervious soils
-Selected materials
-Unlined canals

Earth linings 1313.1

BT -Linings
RT Bank erosion
Binders
-Blankets
-Canal linings
-Canal seepage
-Concrete linings
-Earth-lined canals
-Earth materials
-Earthworks
-Impervious blankets
-Impervious linings
-Impervious soils
-Lined canals
-Pervious blankets
-Pervious linings
-Rock blankets
-Selected materials

Earth materials 1303

BT -Construction materials
-Materials
NT -Acidic soils

-Adobe
-Aeolian soils
-Alkaline soils
-Alkali soils
-Anaerobic soils
-Aquatic soils
-Beach sands
-Bentonite
-Boulders
-Brown soils
-Calcareous soils
-Caliche
-Chestnut soils
-Clays
-Cobbles
-Cohesive soils
-Cohesive soils
-Colluvium
-Compacted soils
-Compressible soils
-Deluvial soils
-Diatomaceous earth
-Dune sands
-Expansive clays
-Expansive soils
-Finegrained soils
-Frozen soils
-Glacial soils
-Gravels
-Gunbo
-Impervious soils
-Kaolin
-Lacustrine deposits
-Lake soils
-Laterites
-Loams
-Loess
-Loose soils
-Marine clays
-Marl
-Mud
-Organic clays
-Organic silts
-Organic soils
-Pea gravel
-Peat
-Pervious soils
-Preconsolidated soils
-Pumice
-Quick clays
-Residual soils
-Rock flour
-Sands
-Saturated soils
-Silty loams
-Soils
-Subsoil
-Topsoil
-Unconsolidated soils
-Undisturbed soils
-Unsatuated soils
-Volcanic ash

RT -Borrow areas
-Borrow materials
-Borrow pits
-Earth dams
-Earthfill
-Earth handling equipment
-Earth-lined canals
-Earth linings
-Earthmoving
-Earthworks
-Embankments
-Excavation
-Fills
-Fines
-Fine-textured soils
-Landslides
-Overburden
-Pit run materials
-Placing
-Pudding
-Sediments
-Selected materials
-Soil aggregates
-Soil cement
-Soil classifications
-Soil compaction
-Soil components
-Soil engineering
-Soil investigations
-Soil mechanics
-Soil physical properties
-Soil physics
-Soil properties
-Soil tests
-Spoil
-Zoned embankments

EARTHQUAKE ENGINEERING

Earth movements 0802 0811

UF Earth flow
BT -Movement
NT Debris avalanches
-Landslides
-Rockslides
RT -Avalanches
-Differential displacements
-Earthquake damage
-Earthquakes
-Earthquake theory
-Geology
-Geophones
-Land subsidence
-Mudflows
-Seismic waves
-Seismology
-Sliding
-Tillometers

Earthmoving 1315

RT Backfills
-Borrow areas
-Borrow pits
-Construction equipment
-Conveyors
-Cuts
-Dam construction
-Dikes
-Dredging
-Earth dams
-Earthfill
-Earth handling equipment
-Earth materials
-Earthworks
-Embankments
-Excavation
-Excavators
-Fills
-Grading (earthwork)
-Hauling
-Hydraulic excavation
-Hydraulic fills
-Levees
-Overexcavation
-Overhaul
-Quarrying
-Rapid excavation
-Stripping
-Terracing
-Tunneling

Earth pressure 0813

BT -Pressure
NT Active pressure
At rest pressure
Passive pressure
RT -Compaction
-Dead loads
-Horizontal loads
-Hydrostatic pressure
-Lateral forces
-Load distribution
-Loads (forces)
-Pressure distribution
-Rampant pressure
-Retaining walls
-Rock pressures
-Soil mechanics
-Soil pressure
-Stress
-Stress analysis
-Stress distribution
-Tunnel construction
-Turbine linings
-Uplift pressure

Earthquake damage 0811

RT -Avalanches
-Bridge failure
-Dam breaches
-Dam failure
-Disasters
-Dynamic response
-Earth movements
-Earthquake engineering
-Earthquake-resistant structures
-Earthquakes
-Failure
-Landslides
-Seismic stability
-Structural behavior

Earthquake engineering 0511

BT -Engineering
RT Building codes
-Design earthquake
-Dynamic loads
-Earthquake damage

EARTHQUAKE FOCUS

Earthquake engineering (Con.)

- Earthquake loads
- Earthquake-resistant structures
- Earthquakes
- Earthquake theory
- Engineering geology
- Seismic design
- Seismic properties
- Seismic stability
- Seismic studies
- Seismic tests
- Seismic waves
- Seismographs
- Seismology
- Soil dynamics
- Structural design

Earthquake focus 0811

- RT Earthquakes
- Earthquake theory
- Epicenters
- Magnitude
- Seismographs
- Seismology

Earthquake loads 2011

- BT Loads (forces)
- RT Acceleration (physics)
- Building codes
- Dam stability
- Design earthquake
- Dynamic loads
- Dynamic stability
- Earthquake engineering
- Earthquake-resistant structures
- Earthquakes
- Earthquake theory
- Horizontal loads
- Lateral forces
- Live loads
- Load distribution
- Load factors
- Seismic design
- Seismic stability
- Seismic tests
- Seismic velocity
- Seismic waves
- Seismology
- Shear waves
- Shock (mechanics)
- Shock waves
- Soil dynamics
- Stress
- Stress waves
- Structural design
- Structural stability
- Transient stress
- Vertical loads
- Vibration

Earthquake recorders

- USE Seismographs

Earthquake-resistant structures

- 1313.5
- BT Structures
- RT Damping
- Design earthquake
- Dynamic loads
- Dynamic response
- Dynamic stability
- Earthquake damage
- Earthquake engineering
- Earthquake loads
- Earthquakes
- Earthquake theory
- Seismic design
- Seismic properties
- Seismic stability
- Structural behavior
- Structural design
- Tunnel construction

Earthquakes 0811

- NT Design earthquake
- RT Dam failure
- Differential displacements
- Disasters
- Dynamic loads
- Dynamic response
- Earth movements
- Earthquake damage
- Earthquake engineering
- Earthquake focus
- Earthquake loads
- Earthquake-resistant structures
- Earthquake theory
- Engineering geology
- Epicenters
- Faults (geology)

- Geology
- Intensity
- Landslides
- Land subsidence
- Liquefaction
- Magnitude
- Movement
- Seismic design
- Seismic investigations
- Seismic stability
- Seismic waves
- Seismographs
- Seismology
- Shock (mechanics)
- Shock waves
- Soil dynamics
- Soil liquefaction
- Stress
- Structural geology
- Tsunamis
- Vibration

Earthquake theory 0811

- RT Design earthquake
- Earth movements
- Earthquake engineering
- Earthquake focus
- Earthquake loads
- Earthquake-resistant structures
- Earthquakes
- Intensity
- Seismic design
- Seismic properties
- Seismic tests
- Seismic waves
- Seismology

Earth resistivity (electrical) 0901.1

- BT Electrical properties
- Physical properties
- Resistivity
- RT Electrical grounding
- Electrical studies
- Electrical well logging
- Resistivity surveys
- Soil properties
- Soil resistivity

Earth-water interfaces 0808

- UF Water-earth interfaces
- BT Boundaries (surfaces)
- Interfaces
- NT Mud-water interfaces
- Sediment-water interfaces
- RT Boundary processes
- Hygroscopic water
- Microenvironment
- Shear drag
- Soil surfaces

Earthworks 1302 1313

- NT Canal embankments
- Earth dams
- Embankments
- Hydraulic fill dams
- Levees
- Rockfill dams
- Terraces
- Zoned embankments
- RT Backfills
- Borrow areas
- Borrow materials
- Borrow pits
- Bulldozers
- Charges (explosives)
- Clearing
- Compacted soils
- Compaction
- Composite structures
- Construction
- Cratering
- Cribbing
- Cuts
- Dikes
- Diversion dams
- Dredging
- Earthfill
- Earth handling equipment
- Earth linings
- Earth materials
- Earthmoving
- Excavation
- Fills
- Hydraulic excavation
- Hydraulic fills
- Impervious blankets
- Landfills
- Landscaping

- Overexcavation
- Overhaul
- Puddling
- Quarrying
- Rapid compaction control
- Roadbanks
- Rock excavation
- Rolling hills
- Rolling
- Selected materials
- Slopes
- Soil compaction
- Soil mechanics
- Stability analysis
- Stockpiling
- Stripping
- Tamping rollers
- Terracing
- Test fills
- Trenches
- Underwater excavation
- Vibratory compaction

Earthworms

- USE Annelids

Easements 0504.1

- NT Scenic easements
- RT Condemnation
- Land acquisition
- Legal aspects
- Litigation
- Right-of-way

Eccentricity 1407

- RT Asymmetry
- Eccentric loading
- Symmetry
- Variability

Eccentric loading 2011

- RT Bending
- Bending moments
- Bending stress
- Buckling
- Columns
- Eccentricity
- Load distribution
- Pile lateral loads
- Structural design
- Torque
- Total loads
- Twisting

Echo soundings

- USE Sounding

E. coli 0613

- UF Escherichia coli
- RT Bacteria
- Coliforms
- Microorganisms
- Plants (botany)
- RT Aquatic bacteria
- Aquatic microorganisms
- Enteric bacteria
- Pathogenic bacteria
- Sewage bacteria

Ecological balance

- USE Balance of nature

Ecological distribution 0606

- BT Distribution
- RT Barriers
- Biogeography
- Biological communities
- Diurnal distribution
- Dominant organisms
- Ecology
- Ecosystems
- Highway effects
- Latitudinal studies
- Spatial distribution
- Temporal distribution

Ecology 0606

- UF Animal ecology
- Bionomics
- Plant ecology
- NT Environmental gradient
- Physiological ecology
- Primary productivity
- Radioecology
- Secondary productivity
- RT Aquatic habitats
- Aquatic microbiology
- Atolls
- Balance of nature

- Behavior
- Biology
- Bionomics
- Biorhythms
- Competition
- Dendrochronology
- Distribution patterns
- Ecological distribution
- Ecolypes
- Entomology
- Environmental effects
- Environments
- Fish and wildlife
- Fisheries
- Fish management
- Food chains
- Food webs
- Forest fires
- Grasslands
- Habitats
- Highway effects
- Ice lakes
- Latitudinal studies
- Life cycles
- Life expectancy
- Life history studies
- Limiting factors
- Limnology
- Man
- Migration
- Parasitism
- Phenology
- Political aspects
- Population
- Post-impoundment
- Predation
- Pre-impoundment
- Productivity
- Radioactivity effects
- Rhizosphere
- Sociology
- Soil microbiology
- Succession
- Symbiosis
- Vertical migration
- Wildlife
- Zoology

Economic efficiency 0503

- BT Efficiencies
- RT Benefits
- Costs
- Economic justification
- Economics
- Economics
- Engineering costs
- Finance
- Financing
- Income
- Investment
- Labor savings
- Marketing
- Planning
- Productivity
- Profit
- Resource mix
- Risks
- Value
- Value engineering

Economic evaluation

- USE Evaluation

Economic feasibility 0503

- BT Feasibility
- RT Benefit-cost analysis
- Benefit-cost ratios
- Economic justification
- Economics
- Engineering economy
- Feasibility studies
- Financial feasibility
- Project feasibility
- Project planning
- Site selection
- Technical feasibility

Economic growth 0503

- BT Growth
- RT Cost indexes
- Economics
- Expansion
- Industries
- Land development
- Resource development
- Water resources development

Economic impact 0503

- RT Condemnation value

THESAURUS OF TERMS

Economic Impact (Con.)

- Economics
- Effects
- Employment
- Industrial production
- Industries
- Inflation (economic)
- Monetary benefits
- Political aspects
- Prices
- Recreation
- Social impact
- Third party effects

Economic justification 0503

- RT Benefit-cost ratios
- Budgeting
- Decision making
- Economic efficiency
- Economic feasibility
- Economics
- Investigations
- Optimum development plans
- Planning
- Preliminary investigations

Economic life 0503

- RT Aging (physical)
- Depreciation
- Economics
- Economics
- Engineering obsolescence
- Obsolescence
- Risks
- Value

Economic prediction 0503

- BT -Forecasting
- RT -Economics
- Monetary benefits

Economic rent 0503

- RT -Profit
- Renting
- Value
- Wages

Economics 0503

- Use of a more specific term is recommended
- BT -Sciences

- Social sciences
- NT Agricultural economics
- RT -Administration

- Allocations
- Area redevelopment
- Benefit-cost analysis
- Benefit-cost ratios
- Benefits
- Capital
- Community development
- Competition
- Conjunctive use
- Conservation
- Contracts
- Cooperatives
- Cost allocation
- Cost analysis
- Cost repayment
- Costs
- Cost savings
- Decision making
- Demand
- Depression
- Direct benefits
- Direct costs
- Diseconomies of scale
- Economic efficiency
- Economic feasibility
- Economic growth
- Economic impact
- Economic justification
- Economic life
- Economic prediction
- Economics
- Economies of scale
- Elasticity of demand
- Elasticity of supply
- Employment
- Employment opportunities
- Engineering costs
- Farm management
- Farm units
- Feasibility
- Feasibility studies
- Government finance
- Governments
- Human resources
- Income
- Inflation (economic)

- Input-output analysis
- Institutions
- Insurance
- Interest (finance)
- Investment
- Labor savings
- Labor supply
- Labor unions
- Land resources
- Land tenure
- Legal aspects
- Management
- Marketing
- Monetary benefits
- Monopoly
- Multiple purpose projects
- Natural resources
- Operations research
- Political aspects
- Power marketing
- Prices
- Principal
- Productivity
- Profit
- Project planning
- Reclamation
- Recreation
- Rehabilitation
- Research and development
- Resource allocation
- Resource conservation
- Resources
- Return to scale
- Risks
- Social aspects
- Supply
- Surveys (data collection)
- Third party effects
- Trade associations
- Urbanization
- Value
- Value engineering
- Water demand
- Water pricing
- Water requirements

Economies 1401

- NT Economies of scale
- RT Comparative costs
- Costs
- Cost savings
- Design improvements
- Economic efficiency
- Economic life
- Economics
- Efficiencies
- Innovation
- Labor savings
- Value engineering

Economies of scale 0503

- BT -Economics
- RT -Benefits
- Cost comparisons
- Costs
- Economics
- Income
- Return to scale

Ecosystems 0606

- NT Allogenic succession
- Annual succession
- Autogenic succession
- Biorhythms
- Climatic climax
- Climax
- Disclimax
- Dune succession
- Emerging vegetation stage
- Lake stages
- Pioneer stage
- Postclimax
- Preclimax
- Subclimax
- Submerged vegetation stage
- Succession
- Temporary pond stage
- NT -Biological communities
- Comparative productivity
- Dominant organisms
- Ecological distribution
- Food chains
- Food pyramids
- Food webs
- Latitudinal studies
- Niches
- Reservoir stages
- Trophic level

Ecotypes 0606

- BT -Biological communities
- NT Dominant organisms
- RT Acclimatization
- Biola
- Ecology
- Environmental gradient
- Latitudinal studies
- Niches
- Population
- Speciation
- Vegetation establishment

Edaphology

- USE Soils

Eddies 2004

- (excludes eddy currents)
- UF Whirlpools
- BT -Currents (water)
- RT Flow around objects
- Fluid flow
- Losses
- Mixing length
- Roll waves
- Rotational flow
- Turbulence
- Turbulent flow
- Vortices
- Water circulation

Eddy currents 2003

- BT -Electric current
- RT -Electrical properties
- Electric conductors
- Hysteresis

Edge effect 1407

- RT Border irrigation
- Environmental effects

Ediling 0502

- RT Abstracts
- Bibliographies
- Correction
- Documentation
- Errors
- Grammars
- Machine translating
- Preparation
- Publications
- Technical papers
- Technical writing
- Translations
- Vocabularies

Education 0509

- NT Engineering education
- RT Area redevelopment
- Careers
- Colleges
- Human engineering
- Instruction
- Learning
- Libraries
- Management training
- Manpower
- Memory
- Orientation
- Personnel
- Personnel management
- Preparation
- Professional development
- Professional personnel
- Professional societies
- Programmed instruction
- Psychological aspects
- Schools (education)
- Sciences
- Self-improvement
- Social aspects
- Sociology
- Students
- Training
- Universities

Eels 0603.2

- BT -Animals
- Aquatic animals
- Aquatic life
- Fish
- Marine animals
- Marine fish
- Saline water fish
- Wildlife
- RT Catadromous fish
- Lampreys
- Morays

EFFLORESCENCE

Effective precipitation 0402

- BT -Groundwater sources
- Precipitation (atmospheric)
- RT Consumptive use (water)
- Demand (irrigation systems)
- Precipitation excess
- Storm runoff
- Time lag

Effective stress 2012

- RT -Stress
- RT Drained shear tests
- Internal friction
- Intrinsic pressure
- Negative pore pressure
- Neutral stress
- Pore air pressure
- Pore pressure
- Pore water pressure
- Shear strength
- Shear tests
- Soil strength
- Soil tests
- Strength of materials
- Structural design
- Total stress

Effects 1407

- Use of a more specific term is recommended
- NT Air pollution effects
- Drainage effects
- Environmental effects
- Highway effects
- Irrigation effects
- Radioactivity effects
- Soil contamination effects
- Third party effects
- Tidal effects
- Vegetation effects
- Water pollution effects
- RT Economic impact
- Influence charts

Effervescence 0704

- RT Air bubbles
- Air pollution
- Boiling
- Bubbles
- Discharge (water)
- Fermentation
- Liquid wastes
- Reclaimed water
- Sanitary engineering
- Smoke
- Wastes
- Waste water (pollution)
- Waste water disposal
- Water pollution sources
- Water treatment plants

Efficiencies 1407

- NT Barometric efficiency
- Compelling uses
- Economic efficiency
- Irrigation efficiency
- Plant efficiencies
- Turbine efficiency
- RT -Costs
- Economics
- Electric power production
- Energy losses
- Equipment costs
- Farm units
- Human engineering
- Human resources
- Indexes (ratios)
- Innovation
- Inventions
- Job analysis
- Labor savings
- Labor supply
- Management analysis
- Optimization
- Optimum design
- Performance
- Production control
- Productivity
- Professional advancement
- Quality control
- Time and motion studies

Efflorescence 1303.1

- RT -Cements
- Chalking
- Concretes
- Dehydration
- Drying
- Masonry

EFFLUENT REUSE

Fluorescence (Con.)

- Surface properties
- Weathering

Effluent reuse 1302.1 -

- RT Liquid wastes
- Reclaimed water
- Sanitary engineering
- Sewage
- Sewage treatment
- Stream pollution
- Water purification
- Water reuse
- Water treatment

Effluents 1302.1

- NT Sewage effluents
- RT Air pollution
- Discharge (water)
- Liquid wastes
- Reclaimed water
- Sanitary engineering
- Sewage treatment plants
- Sewage works
- Smoke
- Stream pollution
- Wastes
- Waste water
- Waste water (pollution)
- Waste water disposal
- Water pollution sources
- Water treatment plants

Effluent streams 0808

- BT Bodies of water
- Land forms
- Streams
- RT se flow
- Groundwater
- Influent streams

Eggs 0603.2 0608

- BT Growth stages
- NT Bird eggs
- Fish eggs
- Insect eggs
- RT Embryonic growth stage
- Fecundity
- Hatching
- Incubation
- Life cycles
- Life expectancy
- Nests
- Reproduction (biology)

EH

- USE Oxidation-reduction potential

EHV

- USE Extra high voltage

Eider (common)

- USE Common eider duck

Eider (stellers)

- USE Stellers eider duck

Ejection 1407

- RT Disposal
- Removal

Ejectors 1407

- RT Dispensers
- Injectors
- Jet pumps
- Materials handling equipment
- Pumps
- Vacuum pumps

Elasmobranchs 0603.2

- BT Animals
- Aquatic animals
- Aquatic life
- Fish
- Marine animals
- Marine fish
- Saltwater fish
- Wildlife
- NT Sharks
- RT Fish types
- Sport fish

Elastic deformation 2012

- BT Deformation
- Mechanical properties
- RT Deformation modulus
- Elasticity (mechanical)
- Elastic limit
- Elastic theory
- Modulus of elasticity

- Plastic deformation
- Poisson ratio
- Rebound
- Strain
- Strain energy

Elasticity (mechanical) 2012

- BT Mechanical properties
- RT Barometric efficiency
- Concrete properties
- Elastic deformation
- Elastic limit
- Elastic theory
- Flexibility
- Inelastic action
- Modulus of elasticity
- Physical properties
- Poisson ratio
- Rebound
- Resilience
- Rigidity
- Rock properties
- Seismology
- Shear modulus
- Tensile strength
- Tension
- Viscoelasticity

Elasticity modulus

- USE Modulus of elasticity

Elasticity of demand 0503

- RT Demand
- Economics
- Equilibrium prices
- Market value
- Prices

Elasticity of supply 0503

- RT Economics
- Equilibrium prices
- Market value
- Prices
- Supply

Elastic limit 2012

- BT Mechanical properties
- RT Concrete properties
- Elastic deformation
- Elasticity (mechanical)
- Elastic theory
- Modulus of elasticity
- Poisson ratio
- Strain
- Stress
- Stress-strain curves
- Tensile properties

Elastic theory 2012

- BT Theory
- RT Deformation
- Elastic deformation
- Elasticity (mechanical)
- Elastic limit
- Engineering mechanics
- Mechanics
- Modulus of elasticity
- Plastic theory
- Poisson ratio
- Shear modulus
- Strain energy
- Strength of materials
- Stress analysis
- Structural design

Elastic waves 2001

- BT Mechanical waves
- Periodic variations
- Radiation
- Transport phenomena
- Waves
- NT Cavitation noise
- Microseisms
- Sound waves
- RT Acoustics
- Frequency
- Longitudinal waves
- Nodes
- Rock noise
- Shear waves
- Shock waves
- Soil dynamics
- Stress waves
- Transverse waves
- Vibration
- Wave generation
- Wavelength
- Wave velocity

Elastomers 1110

- NT Foam rubber
- Rubber
- Synthetic rubber
- RT Copolymers
- Ethers
- Plastics
- Polymers
- Polysulfide resins
- Polyurethane resins
- Synthetic resins
- Vinyl resins

ELD

- USE Extra long distance

Electrical conductance 2003

- UF Conductance (electrical)
- Conduction (electric)
- Conductivity (electrical)
- BT Electrical properties
- RT Capacitance
- Conductivity
- Electrical impedance
- Electrical resistance
- Electric conductors
- Inductance
- Reactance

Electrical design 0903

- BT Design
- RT Circuits
- Electrical engineering
- Electrical equipment
- Electric generators
- Electric motors
- Electric powerplants
- Induction motors
- Integrated circuits
- Substations (electrical)
- Switchgear
- Switchyards (electrical)
- Transmission (electrical)
- Transmission lines

Electrical engineering 0903

- Use of a more specific term is recommended
- UF Electrical engineers
- Engineers (electrical)
- BT Engineering
- RT Electrical design
- Electrical equipment
- Electrical properties
- Electric generators
- Electricity
- Electric motors
- Electric networks
- Electric powerplants
- Electronics
- Phase studies
- Power system operations
- Substations (electrical)
- Switchgear
- Switchyards (electrical)
- Transmission (electrical)
- Transmission lines

Electrical engineers

- USE Electrical engineering

Electrical equipment 0901

- UF Condensers (synchronous)
- Synchronous condensers
- BT Equipment
- NT Air switches
- Autotransformers
- Capacitors
- Circuit breakers
- Converters (electrical)
- Current transformers
- Disconnecting switches
- Electrical insulators
- Electrical shocking gear
- Electric generators
- Electric motors
- Electric reactors
- Electric relays
- Electric switches
- Frequency stabilizers
- Induction motors
- Instrument transformers
- Interrupters
- Interrupter switches
- Lightning arresters
- Potential transformers
- Power transformers
- Rectifiers
- Suspension insulators

Switchgear

- Thermostats
- Transformers
- Voltage regulators
- RT Bundled conductors
- Bus (electrical)
- Control systems
- Electrical design
- Electrical engineering
- Electrical faults
- Electrical insulation
- Electric cables
- Electric conductors
- Electricity
- Electric power failure
- Electric wire
- Electronic equipment
- Extra high voltage
- Laboratory equipment
- Maintenance
- Motor generators
- Obsolete equipment
- Power operation & maintenance
- Power system operations
- Recording systems
- Rotors
- Stators
- Substations (electrical)
- Switchyards (electrical)
- Ultra high voltage
- Variable resistors
- Voltmeters
- Wattmeters
- Windings (electrical)

Electrical faults 2003

- UF Faults (electrical)
- BT -Electric power failure
- Failure
- NT Short circuits
- RT Circuit protection
- Electrical equipment
- Electrical grounding
- Electrical insulation
- Electrical restrikes
- Electric arcs
- Electric networks
- Electric power
- Electric power distribution
- Flashover
- Lightning
- Lightning arresters
- Protection (electrical)
- Protective relaying
- Transmission (electrical)

Electrical grounding 0903 2003

- UF Grounding (electrical)
- RT Circuit protection
- Circuits
- Earth resistivity (electrical)
- Electrical faults
- Electric arcs
- Electric power failure
- Extra high voltage
- Ground mats
- Ground return
- Lightning
- Lightning arresters
- Overhead ground wire
- Protection (electrical)
- Transformers
- Transmission lines
- Ultra high voltage

Electrical impedance 2003

- UF Impedance (electrical)
- BT Electrical properties
- RT Capacitance
- Electrical conductance
- Electrical resistance
- Electrical resistivity
- Inductance
- Power factor
- Reactance
- Resistivity
- Superconductivity

Electrical industry 0903

- BT Industries
- RT Electric power industry
- Electric utilities

Electrical insulation 0901

- UF Electric insulating compounds
- BT Insulation
- RT Buried cables
- Circuit protection
- Coaxial cables

THESAURUS OF TERMS

Electrical insulation (Con.)

- Conductivity
- Electrical equipment
- Electrical faults
- Electrical insulation tests
- Electrical insulators
- Electrical properties
- Electrical resistance
- Electric conductors
- Electric motors
- Electric switches
- Electric wire
- Electric wiring
- Induction motors
- Insulating oil
- Protection (electrical)
- Suppression (electrical)
- Suspension insulators
- Transformer oils
- Underground cables
- Underground transmission lines
- Withstand level (electric)

Electrical insulation tests 1402

- BT - Tests
- RT Electrical insulation
- Electrical insulators
- Electric conductors
- Electric wire
- Impulse tests (electrical)
- Transformer oils
- Withstand level (electric)

Electrical insulators 0901

- BT - Electrical equipment
- NT Suspension insulators
- RT Electrical insulation
- Electrical insulation tests
- Electric cables
- Impulse tests (electrical)
- Insulation
- Leakage current
- Protection (electrical)
- Shock (physiology)
- Substations (electrical)
- Switchyards (electrical)
- Transmission (electrical)
- Transmission lines
- Withstand level (electric)

Electrical logging 1403

- BT - Electrical prospecting
- Logging (recording)
- NT Electrical well logging
- RT Electrical resistance
- Electric potential
- Geophysical logging
- Geophysical prospecting
- Geophysics
- Resistivity surveys
- Well logging

Electrical properties 2003

- BT - Properties
- NT Capacitance
- Dielectric properties
- Earth resistivity (electrical)
- Electrical conductance
- Electrical impedance
- Electrical resistance
- Electrical resistivity
- Electrokinetic potential
- Inductance
- Piezoelectricity
- Power factor
- Resistivity
- Superconductivity
- RT Alternating current
- Capacitance
- Chemical properties
- Conductivity
- Dielectrics
- Direct current
- Eddy currents
- Electrical engineering
- Electrical insulation
- Electricity
- Electric power
- Electrochemistry
- Electrodialysis
- Electrolysis
- Electrophoresis
- Luminescence
- Magnetic properties
- Physical control
- Physical properties
- Physics
- Potentiometers
- Solid state physics
- Thermal properties

Thermistors

Electrical prospecting 0807

- BT - Exploration
- Geophysical prospecting
- NT -Electrical logging
- Electrical well logging
- RT Electrical resistivity
- Electric potential
- Geophysics
- Ground currents
- Resistivity surveys

Electrical resistance 2003

- BT - Electrical properties
- Resistance
- RT Electrical conductance
- Electrical impedance
- Electrical insulation
- Electric logging
- Electrical resistivity
- Electrical well logging
- Power factor
- Reactance
- Resistance networks
- Resistivity
- Superconductivity
- Thermistors

Electrical resistivity 2003

- BT - Conductivity
- Electrical properties
- Physical properties
- RT Borehole geophysics
- Electrical impedance
- Electrical prospecting
- Electrical resistance
- Electrical well logging
- Electrodes
- Geophysics
- Reactance
- Resistivity surveys
- Rock properties
- Soil investigations
- Soil resistivity
- Thermistors

Electrical restrikes 0901

- RT -Circuit breakers
- Electrical faults
- Switching surges

Electrical shocking gear 0903

- BT -Electrical equipment
- Equipment
- RT Commercial fishing
- Electric current
- Electro-fishing
- Fences
- Fish barriers
- Fish guarding
- Fish handling facilities
- Fishing gear
- Fish ladders
- Fishways
- Marking techniques
- Shock (physiology)

Electrical stability 2003

- BT -Stability
- RT Electricity
- Electric networks
- Electric power failure
- Extra long distance
- Frequency stabilizers
- Power system operations
- Power system stability
- Switching surges
- System stability (electric)
- Transients

Electrical studies 0903

- RT -Conductivity
- Earth resistivity (electrical)
- Electricity
- Electrochemistry
- Geophysics
- Power system stability
- Resistivity
- System stability (electric)

Electrical substations

- USE Substations (electrical)

Electrical switchyards

- USE Switchyards (electrical)

Electrical well logging 1402

- BT -Electrical logging

- Electrical prospecting
- Logging (recording)
- Well logging
- RT Boreholes
- Drill holes
- Earth resistivity (electrical)
- Electrical resistance
- Electrical resistivity
- Electrodes
- Geophysical logging
- Geophysical prospecting
- Geophysics
- Resistivity
- Resistivity surveys
- Subsurface investigations
- Wells

Electric analogs 1407

- UF Analogy (electric)
- Electric analogy
- BT -Analog
- RT Analog computers
- Analog to digital converters
- Digital systems
- Electricity
- Models
- Simulation

Electric analogy

- USE Electric analogs

Electric arcs 2003

- UF Arcs (electric)
- Arc voltages
- BT -Electric current
- Electric discharges
- RT Air gaps
- Arc welding
- Electrical faults
- Electrical grounding
- Electric coronas
- Electroslag welding
- Failure
- Flashover
- Lightning
- Lightning arresters
- Magnetohydrodynamics
- Short circuits
- Spark gaps
- Sparks

Electric batteries 1003

- UF Batteries (storage)
- Electrochemical cells
- Storage batteries
- RT -Cells
- Direct current
- Electric generators
- Electrolytic cells
- Power supplies

Electric bridges 1402

- UF Bridges (electric)
- BT -Equipment
- Instrumentation
- Measuring instruments
- NT Wheatstone bridge
- RT Capacitors
- Salt velocity method

Electric cables 0901.1

- UF Cables (electric)
- NT Buried cables
- Coaxial cables
- Power cables
- Underground cables
- RT Bundled conductors
- Bus (electrical)
- Circuits
- Electrical equipment
- Electrical insulators
- Electric conductors
- Electric current
- Electric wire
- Electric wiring
- Oil-filled cables
- Protection (electrical)
- Sagging
- Stranded conductors
- Submarine cables
- Substations (electrical)
- Switchyards (electrical)
- Transmission (electrical)
- Transmission lines
- Wire
- Wood-pole transmission lines

Electric circuits

- USE Circuits

ELECTRIC CURRENT

Electric conductors 0901

- UF Conductors
- NT Electrolytes
- Superconductors
- RT Aeolian vibration
- Bonded conductors
- Buried cables
- Bus (electrical)
- Carrier-current
- Circuit testers
- Coaxial cables
- Dielectrics
- Eddy currents
- Electrical conductance
- Electrical equipment
- Electrical insulation
- Electrical insulation tests
- Electric cables
- Electric corona losses
- Electric coronas
- Electric current
- Electric power
- Electric terminals
- Electric wire
- Electric wiring
- Galloping conductors
- Power cables
- Powerline carriers
- Resistors
- Semiconductors
- Shunt resistors
- Stranded conductors
- Stringing
- Submarine cables
- Transmission (electrical)
- Transmission lines
- Underground cables
- Underground transmission lines
- Wood-pole transmission lines

Electric converters

- USE Converters (electrical)

Electric corona losses 0901.1

- BT -Losses
- RT -Electric conductors
- Electric current
- Electric power losses
- Extra high voltage
- Transmission (electrical)

Electric coronas 2003

- UF Coronas (electric)
- BT -Electric current
- Electric discharges
- RT Electric arcs
- Electric conductors
- Electrohydrodynamics
- Extra high voltage
- Ionization
- Static electricity

Electric current 2003

- UF Currents (electric)
- NT Alternating current
- Corrosion currents
- Direct current
- Eddy currents
- Electric arcs
- Electric coronas
- Electric discharges
- Flashover
- Ground currents
- Induced currents
- Leakage current
- Lightning
- RT Ammeters
- Buried cables
- Circuits
- Circuit testers
- Converters (electrical)
- Current density
- Electrical shocking gear
- Electric cables
- Electric conductors
- Electric corona losses
- Electric fields
- Electricity
- Electric potential
- Electric power
- Electric shunts
- Galvanometers
- Ground mats
- Integrated circuits
- Interrupting capacity
- Network analysis
- Overloads
- Photoelectricity
- Powerline carriers

ELECTRIC DISCHARGES

Electric current (Con.)

- Shock (physiology)
- Transmission lines
- Underground cables
- Underground transmission lines
- Waveforms
- Wool-pole transmission lines

Electric discharges 2003

- UF Discharge (electric)
- BT -Electric current
- NT Electric arcs
- Electric coronas
- Flashover
- Lightning
- RT Ionization
- Leakage current
- Spark gaps
- Static electricity

Electric fields 2003

- RT -Electric current
- Electric potential
- Electrokinetic potential
- Electrostatics
- Magnetic fields
- Polarity
- Static electricity

Electric fuses 0901

- UF Fuses (electric)
- RT Circuit protection
- Overloads
- Protection (electrical)

Electric generators 1002

- BT -Electrical equipment
- Generators
- Rotating machines
- NT Dynamometers
- Magnetos
- Motor generators
- Turbogenerators
- RT Commutators
- Converters (electrical)
- Electrical design
- Electrical engineering
- Electric batteries
- Electric motors
- Electric power
- Electric power production
- Excitation
- Exciters
- Frequency stabilizers
- Generating capacity
- Generator-motors
- Hydraulic turbines
- Hydroelectric power
- Hydroelectric powerplants
- Impulse turbines
- Induction motors
- Installed capacity
- Inverters
- Load-frequency control
- Load rejection
- Peaking capacities
- Peak loads (electric)
- Peak power
- Piezoelectricity
- Potential hydropower
- Power supplies
- Power system stability
- Protective relaying
- Rotating components
- Rotors
- Slip rings
- Spinning reserve
- Stators
- Synchronous machines
- Thrust bearings
- Water cooling
- Windings (electrical)

Electric insulating compounds

USE Electrical insulation

Electricity 2003

- Use of a more specific term is recommended
- BT -Physics
- RT Electrical engineering
- Electrical equipment
- Electrical properties
- Electrical stability
- Electrical studies
- Electric analogs
- Electric current
- Electric power
- Electric powerplants
- Electric power production

- Electrochemistry
- Electrodes
- Electrodialysis
- Electrolysis
- Electrolytes
- Electronics
- Energy
- Nuclear energy
- Piezoelectricity
- Transmission towers
- Utilities

Electricity (thermal)

USE Thermoelectricity

Electric motors 0903

- BT -Electrical equipment
- Motors
- Rotating machines
- NT Induction motors
- RT Commutators
- Electrical design
- Electrical engineering
- Electrical insulation
- Electric generators
- Generator-motors
- Inverters
- Motor generators
- Power transformers
- Power transmission (mechanical)
- Protective relaying
- Rotors
- Slip rings
- Stators
- Synchronous machines
- Windings (electrical)

Electric networks 0903

- BT -Networks
- RT Electrical engineering
- Electrical faults
- Electrical stability
- Electric power failure
- Extra high voltage
- Extra long distance
- Interconnected systems
- Peaking capacities
- Peak loads (electric)
- Peak power
- Powerline carriers
- Power system operations
- Standby power
- Substations (electrical)
- Supervisory control (power)
- Switchyards (electrical)
- System stability (electric)
- Transmission (electrical)
- Transmission lines
- Utilities

Electric potential 2003

- UF Voltage
- NT Extra high voltage
- High voltage
- Ultra high voltage
- RT Buried cables
- Electrical logging
- Electrical prospecting
- Electric current
- Electric fields
- Electrokinetic potential
- Induced voltage
- Interrupting capacity
- Network analysis
- Overvoltage
- Photoelectricity
- Potentiometers
- Static electricity
- Underground cables
- Underground transmission lines
- Voltmeters
- Waveforms

Electric power 0903

- BT -Power
- NT Hydroelectric power
- Peak power
- Standby power
- RT Alternating current
- Base loads
- Converters (electrical)
- Diesel engines
- Direct current
- Electrical faults
- Electrical properties
- Electric conductors
- Electric current
- Electric generators
- Electricity

- Electric power demand
- Electric power distribution
- Electric power failure
- Electric power industry
- Electric powerplants
- Electric power production
- Electric utilities
- Extra high voltage
- Extra long distance
- Firm energy
- Generating capacity
- Generator-motors
- Generators
- Geothermal powerplants
- Hydroelectric powerplants
- Hydroelectric project licensing
- Hydroelectric resources
- Line switching
- Load centers
- Load-frequency control
- Oil-filled cables
- Overloads
- Power dispatching
- Power grids
- Power interchange
- Power loads
- Power marketing
- Power pooling
- Public utilities
- Public utility districts
- Pumped storage
- Reservoir operation
- Reservoirs
- Reservoir surveys
- Rural electrification
- Steam
- Steam turbines
- Substations (electrical)
- Supervisory control (power)
- Switchyards (electrical)
- Terminal facilities (electrical)
- Thermal power
- Tidal energy

- Transmission (electrical)
- Tuned transmission
- Turbines
- Ultra high voltage
- Underground powerplants
- Utilities
- Water policy
- Wattmeters

Electric power costs 1101

- BT -Costs
- RT Administrative costs
- Annual costs
- Capital costs
- Comparative costs
- Contingency costs
- Cost analysis
- Deterred costs
- Direct costs
- Electric power demand
- Electric power production
- Electric power rates
- Estimated costs
- Fixed costs
- Indirect costs
- Initial costs
- Installation costs
- Joint costs
- Maintenance costs
- Operating costs
- Overhead costs
- Peak loads (electric)
- Peak power
- Power marketing
- Power system operations
- Reimbursable costs
- Repayment contracts
- Replacement costs
- Separable costs
- Total costs
- Wattmeters

Electric power demand 2003

- BT -Demand
- RT -Electric power
- Electric power costs
- Electric power production
- Electric power rates
- Electric power surveys
- Firm energy
- Load centers
- Load-frequency control
- Peaking capacities
- Peak loads (electric)
- Peak power
- Power dispatching

- Power loads
- Power marketing
- Power system operations
- Requirements
- Spinning reserve
- Standby power
- Supervisory control (power)
- Wattmeters

Electric power distribution 0903

- RT -Circuits
- Electrical faults
- Electric power
- Electric utilities
- Mobile substations
- Power grids
- Power interchange
- Protection (electrical)
- Rural electrification
- Substations (electrical)
- Transmission (electrical)
- Transmission lines
- Transmission loss
- Voltage regulation

Electric power failure 0903

- UF Failure (power)
- Outage (power)
- Power failure
- BT -Failure
- NT -Electrical faults
- Short circuits
- RT -Electrical equipment
- Electrical grounding
- Electrical stability
- Electric networks
- Electric power
- Electric power production
- Flashover
- Power system operations
- Transmission (electrical)

Electric power generation

USE Electric power production

Electric power industry 0903

- BT -Industries
- RT Electrical industry
- Electric power
- Electric powerplants
- Electric utilities
- Hydroelectric powerplants
- Nuclear powerplants
- Power marketing
- Thermal powerplants
- Tidal powerplants
- Utilities

Electric power losses 0903

- BT -Losses
- RT Attenuation
- Electric corona losses
- Power dispatching
- Power loads
- Transmission loss
- Wattmeters

Electric powerplants 1002.1

- UF Electric power stations
- BT -Industrial plants
- Powerplants
- NT Dual-purpose nuclear plants
- Hydroelectric powerplants
- Nuclear powerplants
- Thermal powerplants
- Tidal powerplants
- RT Boilers
- Buildings
- Electrical design
- Electrical engineering
- Electricity
- Electric power
- Electric power industry
- Electric power production
- Electric utilities
- Facilities
- Generators
- Nuclear reactors
- Peaking capacities
- Pumping
- Rejection
- Switchyards (electrical)
- Tidal energy
- Turbine blades
- Turbine runners
- Turbines
- Underground powerplants

THESAURUS OF TERMS

Electric power production 1001

- UF Electric power generation
- NT Thermal power
- RT Dual-purpose nuclear plants
- Efficiencies
- Electric generators
- Electricity
- Electric power
- Electric power costs
- Electric power demand
- Electric power failure
- Electric powerplants
- Electric power rates
- Electric power surveys
- Electric utilities
- Firm energy
- Generating capacity
- Generator-motors
- Geothermal powerplants
- Hydroelectric powerplants
- Hydroelectric resources
- Impulse turbines
- Nuclear powerplants
- Peaking capacities
- Peak loads (electric)
- Peak power
- Plant efficiencies
- Potential hydropower
- Power
- Power dispatching
- Power loads
- Power marketing
- Power operation & maintenance
- Spinning reserve
- Standby power
- Supervisory control (power)
- Thermal powerplants
- Tidal powerplants
- Transmission (electrical)
- Voltage regulators
- Water wheels

Electric power rates 0503 1401

- BT -Rates
- RT -Costs
- Electric power costs
- Electric power demand
- Electric power production
- Electric utilities
- Peak loads (electric)
- Peak power
- Power marketing
- Standby power

Electric power stations

- USE Electric powerplants

Electric power surveys 0903

- RT Electric power demand
- Electric power production
- Project planning

Electric power transmissions

- USE Transmission (electrical)

Electric reactors 1002

- UF Reactors (electric)
- BT -Electrical equipment
- RT Capacitors
- Power transformers
- Protection (electrical)
- Resistors
- Transformers
- Voltage dividers

Electric rectifiers

- USE Rectifiers

Electric relays 0901

- BT -Control equipment
- Electrical equipment
- Electric switches
- RT Carrier-current
- Circuit breakers
- Interrupters
- Interrupter switches
- Load rejection
- Protection (electrical)
- Protective relaying
- Supervisory control (power)
- Switching
- Switching circuits

Electric resistors

- USE Resistors

Electric shunts 0901

- UF Shunts (electric)
- RT Bypasses

- Circuits
- Electric current

Electric switches 0901

- RT -Control equipment
- Electrical equipment
- RT Airblast circuit breakers
- Air switches
- Circuit breakers
- Disconnecting switches
- Electric relays
- Interrupters
- Interrupter switches
- Thermostats
- RT Electrical insulation
- Mobile substations
- Process control
- Substations (electrical)
- Switchgear
- Switching
- Switching circuits
- Switchyards (electrical)
- Transistors
- Transmission (electrical)
- Voltage regulation
- Voltage regulators

Electric terminals 0901

- RT Connectors (electrical)
- Electric conductors
- Electric wire
- Electric wiring
- Panels

Electric utilities 1302

- BT -Public utilities
- Utilities
- RT Electrical industry
- Electric power
- Electric power distribution
- Electric power industry
- Electric powerplants
- Electric power production
- Electric power rates
- Power
- Rates

Electric wire 0901

- BT -Equipment
- Wire
- RT -Building materials
- Bundled conductors
- Bus (electrical)
- Coaxial cables
- Electrical equipment
- Electrical insulation
- Electrical insulation tests
- Electric cables
- Electric conductors
- Electric terminals
- Electric wiring
- Overhead ground wire
- Stranded conductors
- Transmission lines
- Windings (electrical)
- Wood-pole transmission lines

Electric wiring 0903

- RT Building codes
- Circuits
- Control
- Electrical insulation
- Electric cables
- Electric conductors
- Electric terminals
- Electric wire
- Lighting

Electrochemical cells

- USE Electric batteries

Electrochemistry 0704

- BT -Chemistry
- Sciences
- RT Anodes
- Cathodes
- Cathodic protection
- Chemical properties
- Corrosion
- Desalination
- Dielectrics
- Electrical properties
- Electrical studies
- Electricity
- Electrodes
- Electrodialysis
- Electrokinetic potential
- Electrolysis
- Electrolytes

- Electrolytic cells
- Electrostatics
- Physical chemistry
- Physicochemical properties
- Polarization
- Water purification

Electrodes 0901

- NT Anodes
- Cathodes
- RT Desalination apparatus
- Electrical resistivity
- Electrode well logging
- Electricity
- Electrochemistry
- Electrodialysis
- Electrolysis
- Electrolytes
- Electrophoresis
- Filaments
- Polarization
- Resistivity surveys
- Salt velocity method
- Transistors
- Welding torches

Electrodialysis 0704

- BT -Dialysis
- Membrane processes
- Separation techniques
- RT -Desalination
- Desalination processes
- Dielectrics
- Electrical properties
- Electricity
- Electrochemistry
- Electrodes
- Electrolysis
- Electroosmosis
- Electrophoresis
- Ion transport
- Liquid wastes
- Nuclear desalting
- Permselective membranes
- Tertiary treatment

Electro-fishing 0511

- BT -Fishing
- RT Electric shock gear
- Fishing gear

Electrohydrodynamics 2009

- RT Electric coronas

Electrokinetic potential 2003

- UF Zeta potential
- BT -Chemical properties
- Electrical properties
- Properties
- RT Coagulation
- Electric fields
- Electric potential
- Electrochemistry
- Electroosmosis
- Electrophoresis
- Flocculation
- Power transformers
- Water treatment

Electrolinetics 2003

- RT Dielectrics
- Magnetic fields

Electrolysis 0704

- RT Anodes
- Cathodes
- Corrosion
- Current density
- Decomposition
- Electrical properties
- Electricity
- Electrochemistry
- Electrodes
- Electrodialysis
- Electrolytes
- Ion transport
- Oxidation
- Polarization
- Processing
- Reduction (chemical)

Electrolytes 0704

- BT -Electric conductors
- RT Aqueous solutions
- Boiler feed water
- Conductivity
- Diffusion
- Electricity
- Electrochemistry

ELECTRON BEAMS

- Electrodes
- Electrolysis
- Electrolytic cells
- Ions
- Saline water systems
- Thermogalvanic cells
- Water properties

Electrolytic cells 0704

- UF Dry cells
- RT Diaphragms (mechanics)
- Electric batteries
- Electrochemistry
- Electrolytes

Electrolytic corrosion

- USE Stray current corrosion

Electromagnetic coils

- USE Electromagnets

Electromagnetic cores

- USE Electromagnets

Electromagnetic properties 2003

- NT Color
- Reflectivity
- RT Interference analyzers
- Magnetohydrodynamics

Electromagnetic pulses 2014

- RT Electromagnetism
- Radar
- Radio interference

Electromagnetic shielding 1806

- BT -Shielding
- RT Radiation shielding

Electromagnetic wave filters 0901

- UF Filters (electromagnetic)
- BT -Filters
- RT -Detectors
- Infrared radiation
- Ultraviolet radiation

Electromagnetic waves 2014

- BT -Periodic variations
- Radiation
- Transport phenomena
- Waves
- NT Ambient light
- Bottom-reflected light
- Gamma rays
- Infrared radiation
- Light
- Microwaves
- Radio waves
- Ultraviolet radiation
- X-rays
- RT Antennas
- Electromagnetism
- Emissivity
- Energy
- Frequency
- Luminescence
- Polarization
- Radar reflections
- Radio interference
- Reflection
- Remote sensing
- Solar radiation
- Wavelength

Electromagnetism 2003

- RT Electromagnetic pulses
- Electromagnetic waves
- Electromagnets
- Magnetic fields

Electromagnets 2003

- UF Coils (electromagnetic)
- Coils (magnetic)
- Cores (electromagnetic)
- Cores (magnetic)
- Electromagnetic coils
- Electromagnetic cores
- Magnetic coils
- Magnetic cores
- BT -Magnets
- RT Coils
- Electromagnetism

Electron beams 2008

- UF Beams (electron)
- RT Beta particles
- Electron tubes

ELECTRONIC EQUIPMENT

Electronic data processing

USE Data processing

Electronic equipment 0903

- UF Electronic instruments
- Instruments (electronic)
- BT - Equipment
- NT Analog computers
- Computers
- Digital computers
- Hybrid computers
- Oscillators
- Oscillographs
- Oscilloscopes
- RT Amplifiers
- Automatic control
- Control systems
- Data processing
- Electrical equipment
- Electronics
- Exciters
- Flow control
- Frequency analyzers
- Instrumentation
- Interference analyzers
- Laboratory equipment
- Meteorological radar
- Neutron counters
- Phase control
- Radar equipment
- Recording systems
- Remote control
- Remote sensing
- Repeaters (communications)
- Telemetry
- Tellurometers
- Variable resistors

Electronic instruments

USE Electronic equipment

Electronics 0903

- RT Electrical engineering
- Electricity
- Electronic equipment
- Integrated circuits
- Remote control
- Semiconductors
- Transistors

Electron microscopes

USE Electron microscopy

Electron microscopy 1402

- UF Electron microscopes
- Microscopes (electron)
- Microscopy (electron)
- BT - Analytical techniques
- Microscopy
- RT Microscopes

Electrons 2003 2009

- RT Anodes
- Atoms
- Beta particles
- Cosmic rays
- Protons

Electron tubes 0901

- UF Cathode tubes
- RT - Circuits
- Diodes
- Electron beams
- Filaments
- Rectifiers

Electroosmosis 0704

- BT - Diffusion
- Membrane processes
- Osmosis
- Separation techniques
- RT Anodes
- Cathodes
- Dewatering
- Drainage systems
- Electrodialysis
- Electrokinetic potential
- Electrophoresis
- Osmotic pressure
- Soil stabilization
- Subsurface drainage

Electrophoresis 0704

- BT - Separation techniques
- RT - Analytical techniques
- Chemical analysis
- Chemical properties
- Colloids
- Electrical properties

- Electrodes
- Electroanalysis
- Electrokinetic potential
- Electroosmosis

Electroslag welding 1308

- BT - Welding
- RT Electric arcs

Electrostatic precipitation 1308

- RT Air pollution control
- Dust control
- Electrostatics
- Precipitation (chemistry)

Electrostatics 2003

- RT Dielectrics
- Electric fields
- Electrochemistry
- Electrostatic precipitation
- Static electricity

Elements (chemical)

USE Chemical elements

Elements (trace)

USE Trace elements

Elevation 0806

- RT Altimeters
- Altitude
- Atmospheric pressure
- Bench marks
- Contours
- Depth
- Distance
- Head (fluid mechanics)
- Height
- Hydrostatics
- Hypsometric analysis
- Position finding
- Sea level
- Sextants
- Topography

Elevators 1313.4

- (excludes grain elevators)
- RT - Buildings
- Conveyances
- Conveyors
- Hoisting machinery
- Locks (waterways)

Elongation 1407

- BT - Mechanical properties
- RT - Deformation
- Ductility
- Expansion
- Poisson ratio
- Tensile properties

Eluvium 0807

- RT - Aeolian soils
- Dunes
- Dune sands
- Dust storms
- Freeze-thaw cycle
- Loess
- Soil conservation
- Soil types
- Weathering
- Wind erosion

Embankment dams

USE Earth dams

Embankments 1302 1313

- BT - Earthworks
- NT Canal embankments
- Dikes
- Earth dams
- Levees
- Roadbanks
- Zoned embankments
- RT Banks
- Berms
- Borrow areas
- Borrow materials
- Borrow pits
- Burrowing animals
- Cofferdams
- Compacted soils
- Dam construction
- Dam design
- Diversion dams
- Earthfill
- Earth handling equipment
- Earth materials
- Earthmoving

Embankment subsidence

- Fills
- Grading (earthwork)
- Highways
- Hydraulic fill dams
- Hydraulic fills
- Irrigation ditches
- Overhaul
- Pneumatic lines
- Railroads
- Retaining walls
- Revetments
- Scrap
- Roads
- Rockfill dams
- Rocks
- Roller fills
- Self-spillway dams
- Slope angles
- Slope protection
- Slopes
- Slope stability
- Slope stabilization
- Soils
- Stability analysis
- Structural design
- Tamping rollers
- Test fills

Embankment subsidence 0813

- BT - Subsidence
- RT Camber
- Compressible soils
- Consolidation
- Dam design
- Dam failure
- Deformation
- Embankments
- Land subsidence
- Loose soils
- Piping (erosion)
- Seepage
- Settlement (structural)

Embayments

USE Bays (topographic features)

Embedded instruments 1303 1402

- RT - Concrete dams
- Concrete tests
- Instrumentation
- Temperature sensors

Embedded materials 1393

- RT Anchor bolts
- Anchors
- Concrete dams
- Instrumentation
- Reinforcement

Embedded metal 1303

- BT - Metalwork
- RT Anchor bolts
- Anchors
- Concrete dams
- Instrumentation
- Reinforcement
- Tunnel supports

Embrittleness

USE Brittleness

Embryonic growth stage 0603.2

- BT - Growth stages
- RT - Eggs

Emergency closures 1313.1

- BT - Closures
- RT Check valves
- Control structures
- Emergency gates
- Floodgates
- Outlet works
- Stop logs

Emergency gates 1313.7

- BT - Gates
- Hydraulic gates
- RT Coaster gates
- Emergency closures
- Roller gates
- Slide gates

Emerging vegetation stage 0606

- BT - Ecosystems
- Lake stages
- Succession

Emigration

USE Migration

Eminent domain 0504.1

- RT Condemnation
- Land acquisition
- Land appraisal
- Legal aspects
- Litigation
- Right-of-way

Emission spectra

USE Emissivity

Emissivity 1407

- UF Emission spectra
- BT - Surface properties
- Thermodynamics
- RT - Electromagnetic waves
- Luminescence
- Optical measurement
- Optical properties
- Radiation
- Temperature
- Thermal properties

Emperor goose 0603.2

- UF Phalaropus nigripes
- BT - Animals
- Aquatic life
- Birds
- Geese (wild)
- Migratory birds
- Waterfowl
- Wildlife

Empetrichthys species

USE Killdishes

Employee relations 0501 0509

- UF Labor relations
- RT Construction management
- Employment
- Fringe benefits
- Incentives
- Labor
- Management
- Manpower
- Morale
- Personnel
- Psychological aspects
- Public relations
- Recreation facilities
- Safety
- Social values
- Supervision
- Training
- Wages

Employees

USE Personnel

Employment 0509

- NT Full employment
- Under employment
- Unemployment
- RT Diversification
- Economic impact
- Economics
- Employee relations
- Employment opportunities
- Engineering personnel
- Industrial relations
- Labor
- Labor mobility
- Labor unions
- Manpower
- Occupations
- Personnel
- Personnel management
- Professional personnel
- Salaries
- Scientific personnel
- Social impact
- Specialization
- Trade associations
- Wages
- Working conditions

Employment opportunities 0503

- UF Job possibilities
- RT Area redevelopment
- Economics
- Employment
- Full employment
- Labor supply
- Manpower
- Multiple purpose projects
- Social aspects

THESAURUS OF WATER RESOURCES TERMS

THESAURUS OF TERMS

Employment opportunities (Con.)

- Students
- Training
- Under-employment

Emulsifiers 0701

- BT - Chemicals
- RT - Dispersants
- Emulsifying agents
- Emulsions
- Mixers

Emulsifying agents 1107

- RT - Additives
- Chemicals
- Dispersants
- Emulsifiers
- Emulsions
- Surfactants

Emulsions 0704

- NT - Asphalt emulsions
- Cationic asphalt emulsions
- RT - Colloids
- Dispersion
- Emulsifiers
- Emulsifying agents
- Mixing
- Mixtures
- Suspension

Enamels 1103

- BT - Building materials
- Coatings
- Construction materials
- Finishes
- Paints
- RT - Lacquers
- Primers (coatings)
- Protective coatings
- Varnishes

Encasement 1303

- RT - Coatings
- Pipe bends
- Pipelines
- Pipes
- Sheathing
- Wells

Encroachment 0808.1

- UF - Saline water encroachment
- BT - Saline water intrusion
- RT - Estuaries
- Saline water
- Saline water-freshwater interfaces

Endrin 0606

- BT - Chemicals
- Chlorinated hydrocarbon pesticides
- Halogenated pesticides
- Insecticides
- Organic compounds
- Organic pesticides
- Pesticides

Endurance tests

- USE Fatigue tests

Energy 1407

- NT Activation energy
- Firm energy
- Free energy
- Heat
- Heat of hydration
- Kinetic energy
- Latent heat
- Nuclear energy
- Potential energy
- Strain energy
- Thermal energy
- Tidal energy
- Waste heat
- Wave energy
- RT Chemical potential
- Electricity
- Electromagnetic waves
- Energy absorption
- Energy balance
- Energy budget
- Energy conversion
- Energy dissipation
- Energy losses
- Energy transfer
- Enthalpy
- Entropy
- Kinetics
- Light
- Magnitude

- Nutrient requirements
- Physics
- Power
- Radiation
- Solar radiation
- Thermodynamics
- Velocity head
- Waves
- Waves (water)
- Work

Energy absorbers

- USE Energy absorption

Energy absorption 1407

- UF Energy absorbers
- BT - Absorption
- RT Attenuation
- Damping
- Energy
- Energy conversion
- Energy dissipation
- Energy losses
- Energy transfer
- Insulation

Energy balance 1407

- UF Balance (energy)
- RT Air-earth interfaces
- Balance of nature
- Energy
- Energy budget
- Energy conversion
- Energy dissipation
- Energy transfer
- Evaporation
- Evapotranspiration
- Heat
- Heat balance
- Heat budget
- Heat flow
- Heat transfer
- Potential evaporation
- Temperature
- Thermodynamics

Energy budget 1407

- UF Bio-energetics
- BT - Budgets
- NT Heat budget
- RT Balance of nature
- Cloud cover
- Cycles
- Cycling nutrients
- Energy
- Energy balance
- Energy conversion
- Energy dissipation
- Energy transfer
- Entropy
- Evaporation
- Evapotranspiration
- Food chains
- Hydrologic cycle
- Primary productivity
- Transpiration

Energy conversion 0704

- BT - Conversion
- RT Biochemistry
- Bioluminescence
- Energy
- Energy absorption
- Energy balance
- Energy budget
- Energy dissipation
- Energy losses
- Energy transfer
- Entropy
- Photosynthesis
- Piezoelectricity
- Plant physiology

Energy dissipation 2011

- UF Dissipation (energy)
- NT Energy losses
- RT Baffle piers
- Chute blocks
- Dentated sills
- Diffusion
- Dispersion
- Energy
- Energy absorption
- Energy balance
- Energy budget
- Energy conversion
- Energy dissipators
- Energy equation
- Energy gradient

- Energy transfer
- Flip buckets
- Gradients
- Head losses
- Losses
- Obstruction to flow
- Plunge basins
- Spill spillways
- Sole channel spillways
- Skidump spillways
- Stilling basins

Energy dissipators 1313.1

- UF Dissipators (energy)
- RT Baffles
- Buckets
- Dentated sills
- Drops (structures)
- Energy dissipation
- Flip buckets
- Hydraulic jump
- Jet diffusion

Energy equation 2004

- UF Bernoulli equation
- BT - Equations
- RT - Energy dissipation
- Energy gradient
- Flow
- Gradients
- Hydraulics
- Momentum equation
- Pressure head
- Velocity
- Velocity head

Energy gradient 2004

- BT - Gradients
- RT Backwater profiles
- Critical depth
- Critical velocity
- Depth
- Energy dissipation
- Energy equation
- Head losses
- Losses
- Slopes
- Velocity
- Velocity head

Energy losses 1407

- BT - Energy dissipation
- Losses
- RT Efficiencies
- Energy
- Energy absorption
- Energy conversion
- Energy transfer
- Flow resistance
- Friction
- Friction coefficient (hydraulic)
- Gradients
- Head losses
- Resistance
- Resistance coefficients
- Velocity head

Energy transfer 2011

- BT - Transfer
- Transport phenomena
- NT Heat transfer
- RT Boundary processes
- Convection
- Diffusion
- Dispersion
- Energy
- Energy absorption
- Energy balance
- Energy budget
- Energy conversion
- Energy dissipation
- Energy losses
- Entropy
- Kinetic energy
- Momentum transfer
- Potential energy
- Radiation
- Thermodynamic behavior
- Thermodynamics
- Wave propagation
- Waves

Engineering 1407

- Use of a more specific term is recommended
- UF Engineers
- BT - Sciences
- NT Agricultural engineering
- Chemical engineering

ENGINEERING EVALUATION

- Civil engineering
- Coastal engineering
- Consulting engineers
- Drainage engineering
- Earthquake engineering
- Electrical engineering
- Environmental engineering
- Highway engineering
- Hydraulic engineering
- Industrial engineering
- Integration engineering
- Management engineering
- Marine engineering
- Materials engineering
- Mechanical engineering
- Mining engineering
- Nuclear engineering
- Sanitary engineering
- Soil engineering
- Space engineering
- Structural engineering
- Value engineering

- RT Applied research
- Concrete technology
- Design
- Engineering costs
- Engineering education
- Engineering personnel
- Engineering services
- Occupations
- Technology
- Work

Engineering (systems)

- USE Systems engineering

Engineering contracts

- USE Contracts

Engineering costs 1401

- BT - Costs
- RT Administrative costs
- Construction management
- Cost allocation
- Cost analysis
- Cost trends
- Direct costs
- Economic efficiency
- Economics
- Engineering
- Expenditures
- Financial analysis
- Financing
- Income
- Indirect costs
- Insurance
- Interest (finance)
- Operating costs
- Payment
- Prices
- Profit
- Real costs
- Salaries
- Taxes
- Total costs
- Unit costs
- Value engineering
- Wages

Engineering economy 0503

- RT Benefit-cost analysis
- Benefit-cost ratios
- Benefit-cost theory
- Benefits
- Construction costs
- Cost analysis
- Depreciation
- Economic feasibility
- Estimated costs
- Financing
- Interest (finance)
- Value engineering

Engineering education 0509

- BT - Education
- RT Colleges
- Engineering
- Schools (education)
- Training
- Universities

Engineering evaluation 1407

- BT - Evaluation
- RT Construction management
- Feasibility
- Feasibility studies
- Project feasibility

ENGINEERING GEOLOGY

Engineering geology 0807

- UF Geological engineering
- BT -Geology
- RT -Civil engineering
 - Dam foundations
 - Damsites
 - Earthquake engineering
 - Earthquakes
 - Foundation investigations
 - Geologic investigations
 - Geophysical prospecting
 - Geophysics
 - Groundwater geology
 - Hydrogeology
 - Marine geology
 - Rock mechanics
 - Rockslides
 - Stratigraphy
 - Water tunnels (conveyance)

Engineering mechanics 2011

- BT -Mechanics
- Physics
- NT -Fluid dynamics
- Fluid mechanics
- Hydraulics
- RT -Dynamics
 - Elastic theory
 - Hydraulics
 - Hydrodynamics
 - Hydrostatics
 - Kinetics
 - Loads (forces)
 - Plastic theory
 - Statics
 - Structural engineering

Engineering obsolescence 1407

- BT -Obsolescence
- RT Age
 - Amortization
 - Depreciation
 - Deterioration
 - Economic life
 - Project life
 - Rehabilitation
 - Value

Engineering personnel 0509

- BT -Personnel
- Professional personnel
- Technologists
- NT Consulting engineers
- RT Construction management
 - Designers
 - Employment
 - Engineering
 - Engineering services
 - Labor
 - Management
 - Manpower
 - Scientific personnel
 - Technical societies
 - Training

Engineering services 1407

- RT -Construction
 - Consulting engineers
 - Design
 - Drawings
 - Engineering
 - Engineering personnel
 - Foreign activities

Engineering societies

- USE Technical societies

Engineering specifications

- USE Specifications

Engineering structures 1313.5

- Use of a more specific term is recommended
- BT -Structures
- NT Anchored bulkheads
 - Arch bridges
 - Arch dams
 - Bai'ey bridges
 - Bascule bridges
 - Biotrons
 - Blowoff structures
 - Bridges (structures)
 - Buildings
 - Bulkheads
 - Buttress dams
 - Caissons
 - Canneries
 - Check dams
 - Check structures

- Coastal structures
- Concrete dams
- Concrete piles
- Concrete structures
- Concrete tanks
- Control structures
- Cooling towers
- Crib walls
- Debris barriers
- Double-curvature arch dams
- Egg buckets
- Flumes
- Garages
- Headworks
- Highway bridges
- Hydraulic structures
- Intakes
- Intake structures
- Intake towers
- Levees
- Locks (waterways)
- Multiple arch dams
- Offshore platforms
- Plunge basins
- Powerhouses
- Railroad bridges
- Residences
- Retaining walls
- Sea walls
- Side channel spillways
- Sloping intake structures
- Sluices
- Steel structures
- Suspension bridges
- Thin arch dams
- Trestles
- Truss bridges
- Underground powerplants
- Warehouses
- Wasteways
- Water tunnels (conveyance)
- Wooden bridges
- Wooden trestles
- RT -Beams (structural)
 - Boat-launching ramps
 - Chutes
 - Cisterns
 - Civil engineering
 - Closed conduits
 - Concrete-lined canals
 - Concrete pipes
 - Construction
 - Construction materials
 - Culverts
 - Design
 - Draft tubes
 - Erection
 - Fish barriers
 - Fish passages
 - Floodways
 - Friction piles
 - Harbors
 - Irrigation engineering
 - Laterals
 - Mesh reinforcement
 - Metal pipes
 - Overfalls
 - Pressure conduits
 - Prestressed concrete
 - Railroads
 - Rehabilitation
 - Reinforced concrete
 - Reinforcement
 - Repairing
 - Riprap
 - Steel
 - Stirrups
 - Structural analysis
 - Structural concrete
 - Structural engineering
 - Structural members
 - Structural steel

Engineers

- USE Engineering

Engineers (chemical)

- USE Chemical engineering

Engineers (civil)

- USE Civil engineering

Engineers (coastal)

- USE Coastal engineering

Engineers (electrical)

- USE Electrical engineering

Engineers (hydraulic)

- USE Hydraulic engineering

Engineers (industrial)

- USE Industrial engineering

Engineers (marine)

- USE Marine engineering

Engineers (mechanical)

- USE Mechanical engineering

Engineers (mining)

- USE Mining engineering

Engineers (sanitary)

- USE Sanitary engineering

Engineers (structural)

- USE Structural engineering

Engineers estimates 1401

- RT Bids
 - Contract administration
 - Contracts
 - Cost analysis
 - Costs
 - Equipment costs
 - Estimated costs
 - Estimating
 - Labor costs
 - Project planning
 - Supply contracts
 - Unit costs

Engines (diesel)

- USE Diesel engines

Engines (internal combustion)

- USE Internal combustion engines

Enteric bacteria 0613

- BT -Bacteria
 - Microorganisms
 - Plants (botany)
- NT Salmonella
- RT -Aquatic microorganisms
 - Coliforms
 - E. coli
 - Human diseases
 - Lactobacillus
 - Pathogenic bacteria

Enthalpy 2013

- RT Adiabatic
 - Energy
 - Entropy
 - Heat
 - Physicochemical properties
 - Specific heat
 - Steam tables
 - Thermal properties
 - Thermodynamics

Entomology 0603.2

- RT Acaricides
 - Annelids
 - Ecology
 - Insect behavior
 - Insect control
 - Insecticides
 - Insects
 - Mites
 - Nematodes
 - Pest control
 - Public health

Entrainment 1308

- NT Air entrainment
- RT Aeration
 - Dispersion
 - Injection
 - Mixing

Entrance channels 1313.1

- BT -Channels
 - Hydraulic structures
- RT Approach channels
 - Debris barriers
 - Freeboard
 - Intake channels
 - Intake transitions
 - Open channel flow
 - Spillway approach
 - Training walls

Entrances (fluid flow) 1313.1

- NT Bellmouths
- RT Fish ladders

THESAURUS OF WATER RESOURCES TERMS

- Flow patterns
- Head losses
- Headworks
- Hydraulic machinery
- Hydraulic models
- Hydraulic structures
- Ice prevention
- Penstocks
- Pumping plants
- Rectangular conduits
- Sediment control
- Spillway approach
- Transition structures
- Tunnels
- Ventilation
- Vortices

Entrapped air 1407

- BT -Air
- Gases
- RT Air bubbles
 - Air entrainment
 - Air traps
 - Air void ratio
 - Air-water interfaces
 - Concretes
 - Pipelines
 - Vents
 - Vortices

Entropy 2013

- RT Adiabatic
 - Energy
 - Energy budget
 - Energy conversion
 - Energy transfer
 - Enthalpy
 - Heat
 - Physicochemical properties
 - Steam tables
 - Thermal properties
 - Thermodynamic behavior
 - Thermodynamics

Envelopes 1407

- NT Mohr envelope
- RT Boundary values
 - Containers
 - Curved profiles
 - Curve fitting
 - Curves
 - Geometric shapes
 - Geometry
 - Mathematics
 - Mohr circle
 - Spirals

Environmental effects 0606

- BT -Effects
- NT Highway effects
 - Vegetation effects
 - Winterkilling
- RT Acclimatization
 - Aestivation
 - Allogenic succession
 - Animal behavior
 - Animal pathology
 - Animal physiology
 - Balance of nature
 - Biology
 - Climatic changes
 - Cloud cover
 - Cold resistance
 - Disease resistance
 - Diseases
 - Drought resistance
 - Ecology
 - Edge effect
 - Environmental gradient
 - Environmental tests
 - Environments
 - Epiphytology
 - Evaporation
 - Evapotranspiration
 - Exposure
 - Fertilization
 - Fish establishment
 - Fish management
 - Fish physiology
 - Forage palatability
 - Geomorphology
 - Growing period
 - Growth rates
 - Growth stages
 - Habitats
 - Heat resistance (biological)
 - Heaving
 - Insect resistance
 - Invasion

THESAURUS OF TERMS

Environmental effects (Con.)

Irrigation effects
Limiting factors
Lodging
Longevity
Microenvironment
Migration
Mortality
Non-parasitic diseases (plant)
Persistence
Phenology
Physiological ecology
Planting management
Plant morphology
Plant pathology
Plant physiology
Plants (botany)
Population
Productivity
Radioactivity effects
Resistance
Social behavior
Spots
Succession
Tropisms
Water injury
Weathering

Environmental engineering 0505

BT—Engineering
NT Environmental sanitation
RT—Air pollution
—Cooking
—Environments
Epidemiology
—Heating
—Human diseases
Human engineering
Landfills
Precooling
Preheating
Psychological aspects
Public health
—Safety
Shelters
Site selection
Temperature control
Thermal stress
Ventilation
—Waste disposal
—Water pollution
—Water treatment
Zoonoses

Environmental gradient 0606

BT—Ecology
RT—Biological communities
—Biomes
Distribution patterns
—Ecotypes
—Environmental effects
—Environments
—Population
—Succession
Thermocline

Environmental sanitation 1302.1

BT—Environmental engineering
RT—Air pollution
Air pollution control
Botulism
—Diseases
Disinfection
Disposal
—Environments
Epidemiology
Epizootiology
—Human diseases
Insect control
Landfills
—Pest control
Pesticide toxicity
Potable water
Public health
Sanitary engineering
Sewage disposal
—Sewage treatment
Sludge disposal
Soil contamination
—Wastes
Waste water (pollution)
Waste water treatment
—Water pollution
—Water purification
Water supply
Zoonoses

Environmental tests 1402

BT—Materials tests
—Tests

NT Exposure tests
High temperature research
Wetting and drying tests
RT Accelerated tests
Corrosion environments
Corrosion tests
—Environmental effects
—Environments
Field laboratories
—Field tests
—Instrumentation
—Metal tests
—Model studies
—Resource development
Technology
Weathering

Environments 1407

NT Abiotic environment
Air environment
—Aquatic environment
—Aquatic habitats
Deep-water habitats
Estuarine environment
—Habitats
Lentic environments
Lotic environment
Microenvironment
Overwintering sites
Soil environment
Terrestrial habitats
Wildlife habitats
RT Acclimatization
Arts
—Atmosphere
—Behavior
—Biology
Biotrons
Climatic changes
Climatic zones
—Climatology
Cold climates
Cold regions
Competition
Corrosion environments
Deserts
—Ecology
—Environmental effects
—Environmental engineering
Environmental gradient
Environmental sanitation
—Environmental tests
Fatigue (physiology)
Greenhouses
Growth chambers
Heat budget
Human engineering
Hydroponics
Insect behavior
Learning
—Light
Man
Morale
Photoperiodism
—Precipitation (atmospheric)
Psychological aspects
—Social aspects
—Succession
Thermoperiodism

Enzymes 0601

RT—Animal physiology
Biochemistry
Catalysis
Inhibitors
Plant physiology
—Proteins

Ephemeral streams 0808

BT—Bodies of water
—Land forms
—Non-perennial streams
—Running waters
—Streams
—Watercourses (legal)
RT Arroyos
Dry beds
Intermittent streams
Perennial streams
—Precipitation (atmospheric)
Seasonal
—Seasons

Ephemeroptera

USE Mayflies

Epibenthic biota

USE Benthos

Epicenters 0811

RT Earthquake focus
—Earthquakes
Magnitude
Seismology

Epidemics 0605

RT Floodwater
—Human diseases
Water pollution effects

Epidemiology 0605

excludes epiphytology
RT—Animal diseases
—Diseases
—Environmental engineering
Environmental sanitation
Epizootiology
—Human diseases
Human pathology
Morbidity
Mortality
Public health
—Viruses
—Water pollution
Water pollution effects
Zoonoses

Epidermis 0616

RT Cuticle
Leaves
—Plant tissues
Stomata
Transpiration

Epilimnion 0808

RT Hypolimnion
—Lakes
—Limnology
—Reservoirs
—Stratification
Thermal stratification
Thermocline
—Water quality

Epiphytology 0605

BT—Pathology
—Plant pathology
RT Blights
Blotches
—Diseases
—Environmental effects
Mildews
—Plant diseases
—Plants (botany)
Plant viruses
R⁺
Rusts (fungi)
Smuts
Soil-borne diseases
Spots
—Viruses
Warts

Epizootiology 0605

RT—Animal diseases
—Animal parasites
Animal pathology
—Animals
—Diseases
Environmental sanitation
Epidemiology
Fish parasites
—Parasites
Public health
—Viruses
—Water pollution

Epoxies

USE Epoxy resins

Epoxy mortar 1303

BT—Construction materials
—Mortars
RT Epoxy resins

Epoxy resins 1109

UF Epoxies
BT—Resins
—Synthetic resins
—Thermosetting resins
RT Adhesives
Coal-tar epoxy paints
Epoxy mortar
—Linings
Plastic coatings
—Protective coatings

EQUIPMENT

Equalizing reservoirs 1302.6

HT—Bodies of water
—Impoundments
—Reservoirs
—Standing waters
—Surface waters
RT—Bodies of water
—Dams
—Hydraulic structures
—Irrigation
—Lakes
Reservoir capacity
Reservoir sites
Reservoir storage

Equations 1201

NT Chezy equation
Continuity equation
Darcy-Weisbach equation
Energy equation
Estimating equations
Hazen-Williams equation
Hydrologic equation
Kutter formula
Laplace equation
Mannings equation
Momentum equation
Thesis equation
Thienis equation
Yield equations
RT—Algebra
Darcy's law
—Formulas
—Mathematical logic
—Numerical analysis

Equilibrium 1407

RT Aggradation
Aqueous solutions
—Damping
Degradation (stream)
—Diffusion
Fluctuation
Hydrologic equation
Phase diagrams
Regime
Saturation
—Stability
—Stabilization
—Statics
Supercooling
Thermodynamic behavior
—Thermodynamics
Water balance
Yield line method

Equilibrium equation

USE Thiens equation

Equilibrium prices 0503

BT—Prices
RT Elasticity of demand
Elasticity of supply

Equipment 1407

Use of a more specific term is recommended

UF Apparatus
Tools
NT Accelerometers
—Acoustic equipment
Airborne equipment
Air compressors
Altimeters
Ammeters
—Anemometers
Application equipment
Asphalt plants
—Augers
Autoclaves
Axial flow turbines
Barometers
Belt conveyors
Boilers
Bulb turbines
Bulkhead gates
Butterfly valves
Calculators
Calorimeters
Calyx drills
Capacitors
Centrifugal pumps
Centrifuges
Chronometers
Clamshells
—Clocks
—Compaction equipment
—Compressors
—Computers

EQUIPMENT COSTS

Equipment (Con.)

Condensers (liquefiers)
 -Construction equipment
 -Conveyors
 -Cranes (hoists)
 Dehydrators
 Derris pump turbine
 Draglines
 Dredges
 -Drilling equipment
 Drift monitors
 -Drills
 Drum rollers
 Dryers
 Dynamometers
 -Earth handling equipment
 -Electrical equipment
 Electrical shocking gear
 -Electric bridges
 Electric wire
 -Electronic equipment
 -Evaporators
 Evapotranspirometers
 -Excavators
 Extensometers
 Farm equipment
 Feeders
 Flash evaporators
 -Flowmeters
 Frequency analyzers
 -Gages
 Galvanometers
 Geiger counters
 -Generators
 Geodimeters
 Geophones
 Gravimeters
 -Hydraulic equipment
 Hydrophones
 Infrared detectors
 Laboratory equipment
 Lighting equipment
 Lysimeters
 Magnetometers
 Maintenance equipment
 -Measuring instruments
 Mechanical equipment
 Metal detectors
 -Meters
 Micrometers
 -Mixers
 -Motor generators
 Neutron counters
 Obsolete equipment
 -Office equipment
 Orifice meters
 Oscillators
 Oscillographs
 Oscilloscopes
 Packers (grouting)
 Penetrometers
 Permeameters
 Photometers
 -Piezometers
 Plumbblines
 Pneumatic fired rollers
 Potentiometers
 -Pressure gages
 -Pressure measuring instruments
 Pressure sensors
 -Pump turbines
 -Radiation detectors
 -Radiation measurement
 -Radiation measuring equipment
 Radiometers
 Radiosondes
 Rain gages
 Rental equipment
 Research equipment
 Rock crushers
 -Rollers
 Rotating meters
 Salinity meters
 Scarifiers
 Scintillation counters
 Screeds
 Seismographs
 -Sensors
 Sextants
 Sheepfoot rollers
 Signal generators
 Silver iodide generators
 Snow gages
 Solar stills
 Soniscopes
 Spectrometers
 Staff gages
 Stators
 -Strain gages
 Stress gages

Stress meters
 Tamping rollers
 Tellurimeters
 -Temperature sensors
 Tensionmeters
 -Test equipment
 Test machines
 Theodolites
 Thermographs
 Thermostats
 Tiltmeters
 -Tractors
 -Transformers
 Tunneling machines
 Turbidimeters
 -Velocity meters
 Vibration tables
 -Vibrators (mechanical)
 Voltage regulators
 Voltmeters
 Volumetric meters
 Water meters
 Wallmeters
 Wave tanks
 Weir gages
 Wellpoints
 Wheatstone bridge
 Wheel excavators
 Wind tunnels
 RT Automation
 Cooling towers
 Equipment installation
 -Indicators
 -Installation
 Investment
 Jet pumps
 Jets
 -Maintenance
 Manual control
 Mechanical control
 Mechanical engineering
 -Operation and maintenance
 Performance rating
 Portable
 -Procurement
 Rehabilitation
 Repairing
 Replacing
 Specifications
 Stainless steel
 Stop logs
 Stream gaging station
 Supply contracts
 -Waterworks

Equipment costs 1401

BT -Costs
 RT Capital costs
 Construction costs
 Depreciation
 Direct costs
 -Efficiencies
 Engineers estimates
 Equipment installation
 Estimated costs
 Industrial production
 Initial costs
 Interest (finance)
 Labor costs
 Maintenance costs
 Operating costs
 Replacement costs
 -Value
 Value engineering

Equipment installation 1315

BT -Installation
 RT -Equipment
 Equipment costs
 Manuals

Equitable apportionment 0504.1

RT Interstate
 Interstate rivers
 -Legal aspects
 Litigation
 Water allocation (policy)
 -Water law
 -Water rights

Eradication (pests)

USE Pest control

Erection 1315

BT -Construction
 RT -Buildings
 -Concrete structures
 -Construction control
 -Construction methods

Construction practice
 -Engineering structures
 Fabrication
 -Installation
 Residences
 Scheduling
 Small structures
 Steel structures
 Structural engineering
 Structural steel
 Transmission towers
 Welded joints
 -Welding

Erosion 0507

NI Accelerated erosion
 Bank erosion
 Beach erosion
 Channel erosion
 Degradation (stream)
 Gully erosion
 -Mass wasting
 Piping (erosion)
 Rill erosion
 Scour
 Sheet erosion
 Soil erosion
 Solifluction
 Stream erosion
 Wind erosion
 RT Ablation
 Abrasion
 Abrasion resistance
 -Alluvial deposits
 Alluvium
 Beach sands
 Beds (geology)
 Blowouts
 Burning
 Canyons
 Cavitation
 Cloudbursts
 -Colluvium
 -Damages
 Deterioration
 Detrital soils
 Detritus
 -Durability
 -Erosion control
 Flood damage
 -Fluvial morphology
 -Geologic deposits
 Geomorphology
 Glaciation
 Graded
 Groundwater geology
 Gulches
 Hydraulic excavation
 -Hydrogeology
 Impact (rainfall)
 -Land forms
 -Land management
 -Morphology
 Pitting
 -Precipitation (atmospheric)
 Rain
 Ripple marks
 Rock glaciers
 Rockslides
 -Runoff waters
 Sedimentary till
 -Sedimentation
 Sedimentology
 Sediment production
 Sediment yield
 -Stability
 -Storms
 Streambed profiles
 Superimposed drainage
 Talus
 Test canals
 Topography
 Turbidity currents
 -Valleys
 Washouts
 -Waves (water)
 Weathering

Erosion control 0203

UF Antierosion materials
 Erosion prevention
 Erosion protection
 Erosion reduction
 BT -Control
 NT Contour farming
 RT Armoring (streambed)
 Bank protection
 Bank stability
 -Blankets

Cavitation control
 Check dams
 -Check structures
 -Conservation
 -Cover crops
 -Cutting management
 Dam fixings
 -Erosion
 Farm management
 Flood control
 Forest management
 Gabions
 Gully erosion
 -Land management
 Plunge basins
 Project benefits
 -Resource conservation
 Revelements
 Riprap
 River training
 Roadbanks
 Rock blankets
 Rotation
 Shelterbelts
 Slope protection
 -Slope stability
 Slope stabilization
 Soil conservation
 Soil erosion
 -Soil management
 Soil stabilization
 Stream meandering
 Stream stabilization
 Strip cropping
 Terraces
 Terracing
 -Vegetation establishment
 Water control
 -Water management (applied)
 -Water resources management
 Watershed management
 Windbreaks
 Wind erosion

Erosion control (soil)

USE Soil erosion

Erosion prevention

USE Erosion control

Erosion protection

USE Erosion control

Erosion reduction

USE Erosion control

Errors 1407

RT Accuracy
 Compensation
 -Consistency
 Correction
 Deficiencies
 Editing
 Gaussian distribution
 Grammars
 Laboratory tests
 Least squares method
 -Quality control
 Ranges
 Reliability
 Reproducibility
 -Sampling
 Scale effect
 Standard deviation
 -Tests
 Tolerances (mechanics)

Escape of water

USE Floods

Escherichia coli

USE E. coli

Esor. species

USE Pike

Essential nutrients 0601 0616

BT -Nutrients
 RT Nutrient requirements

Esthetics

USE Aesthetics

Estimated benefits 0503

BT -Benefits
 RT Estimated costs
 Estimating
 -Planning

THESAURUS OF TERMS

EVAPORIMETERS

Estimated costs 1401

- BT - Costs
- RT Benefit-cost analysis
 - Budgeting
 - Construction costs
 - Cost indexes
 - Electric power costs
 - Engineering economy
 - Engineers estimates
 - Equipment costs
 - Estimated benefits
 - Estimating
 - Estimating equation
 - Labor costs
 - Operating costs
 - Planning

Estimating 1407

- RT - Allocations
 - Analysis
 - Analytical techniques
 - Approximation method
 - Budgeting
 - Census
 - Cost indexes
 - Critical path method
 - Engineers estimates
 - Estimated benefits
 - Estimated costs
 - Estimating equations
 - Evaluation
 - Feasibility
 - Feasibility studies
 - Forecasting
 - Hydrograph analysis
 - Land appraisal
 - Maximum probable flood
 - Measurement
 - PEIT
 - Planning
 - Preparation
 - Probable maximum precipitation
 - Projects
 - Quality control
 - Reliability
 - Risks
 - Sampling
 - Standard deviation
 - Surveys
 - Value
 - Water supply forecasting

Estimating equations 1401

- BT - Equations
- RT Estimated costs
 - Estimating
 - Planning

Estuaries 0808 0810

- BT - Bodies of water
- Land forms
- Waterways
- RT - Aquatic habitats
 - Bays (topographic features)
 - Currents (water)
 - Encroachment
 - Estuarine environment
 - Estuarine fisheries
 - Fluvial morphology
 - Gulfs
 - Inflow
 - Inlets (waterways)
 - Intertidal areas
 - Mixing length
 - Oceanography
 - Oceans
 - Rivers
 - Saline lakes
 - Saline water fish
 - Saline water-freshwater interfaces
 - Sea water
 - Stratification
 - Streams
 - Tides
 - Water

Estuarine environment 0606

- BT - Aquatic environment
- Environments
- RT Estuaries

Estuarine fisheries 0603.2

- BT - Fisheries
- RT Brackish-water fish
 - Estuaries
 - Marine fisheries
 - Saline water fish

Etching 1405

- RT - Corrosion
 - Pitting
 - Reproduction (copying)
 - Surface properties

Etheostoma species

USE Darters

Ethers 0703

- BT - Chemical compounds
- Organic compounds

Ethics 0511

- RT Psychological aspects
 - Psychology
 - Public opinion
 - Sciences
 - Social aspects
 - Social behavior
 - Sociology

Ethylene glycol 0703

- BT - Chemical compounds
- Organic compounds

Eucalia species

USE Sticklebacks

Euglena 0613

- BT - Algae
 - Aquatic algae
 - Aquatic life
 - Aquatic microorganisms
 - Aquatic plants
 - Euglenophyta
 - Microorganisms
 - Plants (botany)
 - Seston

Euglenophyta 0613

- BT - Algae
 - Aquatic algae
 - Aquatic life
 - Aquatic microorganisms
 - Aquatic plants
 - Microorganisms
 - Plants (botany)
 - Seston
- NT Euglena

European widgeon 0603.2

- UF Mareca penelope
- Widgeon (european)
- BT - Animals
 - Aquatic life
 - Birds
 - Ducks (wild)
 - Migratory birds
 - Waterfowl
 - Wildlife

Eutrophication 0606

- UF Algal blooms
- Water bloom
- RT Aging (biological)
- Algal nutrients
 - Aquatic algae
 - Aquatic productivity
 - Biological properties
 - Dystrophy
 - Fish
 - Fishkill
 - Limnology
 - Nutrients
 - Oligotrophy
 - Oxygen
 - Oxygen requirements
 - Oxygen sag
 - Plankton
 - Population
 - Primary productivity
 - Productivity
 - Stagnant water
 - Surface waters
 - Trophic level
 - Waste assimilative capacity
 - Water pollution effects
 - Water properties
 - Water quality

Evaluation 1407

- UF Economic evaluation
- NT Engineering evaluation
- Land appraisal
- Product evaluation
- RT Acceptability
 - Analysis
 - Analytical techniques

- Appraisals
- Assay
- Assessments
- Classifications
- Correlation
- Cost analysis
- Cost savings
- Criteria
- Design
- Estimating
- Exploration
- Field investigations
- Forecasting
- Foreign tests
- Foundation bearing tests
- Inspection
- Job analysis
- Measurement
- Performance
- Performance rating
- Personnel management
- Probability
- Projects
- Quality control
- Rejection
- Soil analysis
- Test procedures
- Tests
- Theoretical analysis
- Value
- Value engineering

Evaporation 0704

- BT - Vaporization
- NT Pan evaporation
- Potential evaporation
- Reservoir evaporation
- RT Ablation
 - Air-earth interfaces
 - Air-water interfaces
 - Atmometers
 - Boiling
 - Boundary processes
 - Climatology
 - Condensation
 - Consumptive use (water)
 - Dehydration
 - Desalination
 - Dewatering
 - Diffusion
 - Diversion losses
 - Drying
 - Energy balance
 - Energy budget
 - Environmental effects
 - Evaporation coefficient
 - Evaporation control
 - Evaporation pans
 - Evaporation reservoirs
 - Evaporation tanks
 - Evaporimeters
 - Evapotranspiration
 - Heat balance
 - Heating
 - Hydrologic budget
 - Hydrologic cycle
 - Hydrologic equation
 - Hydrometeorological station
 - Interception
 - Lagoons (ponds)
 - Latent heat
 - Liquid-vapor interfaces
 - Mass transfer
 - Meteoric water
 - Meteorology
 - Microenvironment
 - Multistage flash distillation
 - Playas
 - Potential evapotranspiration
 - Riparian water loss
 - Saturation
 - Separation
 - Separation techniques
 - Soil water movement
 - Solar radiation
 - Sprays
 - Sprinkler irrigation
 - Sublimation
 - Surface waters
 - Transpiration
 - Vapor pressure
 - Volatility
 - Water balance
 - Water budget
 - Water loss
 - Water properties
 - Water supply forecasting
 - Weight loss

Evaporation coefficient 0704

- BT - Coefficients
- RT - Evaporation
 - Pan evaporation

Evaporation control 1302

- UF Evaporation prevention
- Evaporation reduction
- Evaporation suppression
- BT - Control
- RT - Alcohols
 - Chemcontrol
 - Evaporation
 - Evapotranspiration
 - Evapotranspiration control
 - Hexadecanol
 - Monomolecular films
 - Mulching
 - Octadecanol
 - Phase studies
 - Reservoir evaporation
 - Selective level releases
 - Transpiration control
 - Underground storage
 - Underground water storage
 - Water conservation
 - Water control
 - Water management (applied)
 - Water resources management
 - Water utilization
 - Water yield improvement

Evaporation pans 1402

- BT - Instrumentation
- RT - Evaporation
 - Evaporation tanks
 - Evaporators
 - Evaporimeters
 - Pan evaporation

Evaporation prevention

USE Evaporation control

Evaporation reduction

USE Evaporation control

Evaporation reservoirs 1302.6

- BT - Bodies of water
 - Impoundments
 - Reservoirs
 - Standing waters
 - Surface waters
- RT Brine disposal
 - Brines
 - Demineralization
 - Desalination
 - Desalination apparatus
 - Desalination plants
 - Desalination processes
 - Evaporation
 - Evaporation tanks

Evaporation retardants 0704

- BT - Retardants
- RT - Alcohols
 - Films
 - Hexadecanol
 - Monomolecular films
 - Mulching
 - Octadecanol

Evaporation suppression

USE Evaporation control

Evaporation tanks 1402

- BT - Containers
 - Tanks (containers)
- RT - Evaporation
 - Evaporation pans
 - Evaporation reservoirs
 - Evaporators
 - Evaporimeters
 - Lysimeters

Evaporators 1302.5 1402

- BT - Equipment
- NT Flash evaporators
- RT Condensers (liquefiers)
 - Cooling systems
 - Desatination apparatus
 - Desiccants
 - Distillation
 - Dryers
 - Evaporation pans
 - Evaporation tanks

Evaporimeters 1402

- RT Atmometers
- Evaporation

EVAPOTRANSPIRATION-

Evaporimeters (Con.)

Evaporation pans
Evaporation tanks
-Evapotranspiration

Evapotranspiration 0808

NT Potential evapotranspiration

RT Advection

Air-earth interfaces
-Climatology
Consumptive use (water)
Degree days
-Drying
Duty of water
Energy balance
-Energy budget
-Environmental effects
-Evaporation
Evaporation control
Evaporimeters
Evapotranspirometers
Growing period
Hook gages
Hydrologic cycle
-Hydrology
Irrigation effects
Lysimeters
-Meteoritic water
-Meteorology
Microenvironment
-Phreatophytes
-Plants (botany)
Riparian plants
Riparian water loss
Saturated soils
-Soil moisture
Soil water movement
Stomata
Transpiration
Transpiration control
Water application rate
-Water loss
-Water supply forecasting

Evapotranspiration control 0808

BT -Control

RT Evaporation control

Transpiration control
Water conservation
-Water utilization
Water yield improvement

Evapotranspirometers 1402

BT -Equipment

-Instrumentation
-Measuring instruments
-Test equipment

RT Consumptive use (water)

-Evapotranspiration
Hook gages

Excavation 1315

NT -Explosive excavation

Hydraulic excavation
Nuclear excavation
Overexcavation
Quarrying
Rapid excavation
Rock excavation
-Tunnel construction
Tunneling

RT -Underwater excavation

Backfills
-Blasting
-Borrow areas
Borrow pits
Canal construction
Charges (explosives)
-Construction
Cratering
Craters
Cuts
Cut slopes
Dam construction
Detonation
Dewatering
-Ditches
Dredging
-Earth handling equipment
-Earth materials
Earthmoving
-Earthworks
-Excavators
-Explosions
Explosive construction
-Explosives
Foundations
Grading (earthwork)
Gravel pits
Marbors

High explosives

Materials handling

-Mining

Nuclear explosions

Overbreak

Overhaul

Percussion drilling

Pipe bedding

Pipe laying

Pit run materials

-Pits

Quarries

Reservoir construction

Ripping

Road construction

Rock mechanics

Rock pressures

Shafts (excavations)

Shells (mining)

Shoring

Shovels

Soil mechanic

Spoil

Slopes

-Storage

Stripping

-Trenches

-Tunnels

Vehicular tunnels

-Water tunnels (conveyance)

Wellpoints

-Wells

Excavators 1303

UF Trenchers

BT -Construction equipment

-Earth handling equipment

-Equipment

NT Clamshells

Draglines

Dredges

Shovels

Tunneling machines

Wheel excavators

RT Bulldozers

Cuts

Earthmoving

-Excavation

-Mining

Mobile equipment

Rapid excavation

Rock excavation

Shields

Stripping

-Tractors

-Tunnel construction

Tunneling

-Underwater excavation

Excessive precipitation 0402

BT -Groundwater sources

-Precipitation (atmospheric)

RT -Rainfall

Excess water (legal aspects)

USE Surplus water

Excess water (soils) 0808

BT -Soil moisture

-Soil water

-Subsurface waters

-Vadose water

-Water

-Water types

RT Consumptive use (water)

Drainage water

Gravitational water

Precipitation excess

Rain water

-Runoff

Waste water

Water requirements

Excitation 2008

RT -Electric generators

Exciters

Irradiation

-Luminescence

Natural frequency

Power system stability

Exciters 1407

RT Direct current

-Electric generators

-Electronic equipment

Excitation

Magnetic fields

Executives 0501 0509

BT -Personnel

RT Leadership

-Management

Management training

-Policies

Professional advancement

-Professional personnel

Supervision

Expanding cements 1303.1

BT -Cements

RT -Concrete technology

-Expansion

Expansive concrete

-Portland cements

Expansion 1407

NT -Mechanical properties

NT Dilatation

-Dilatation

Linear expansion

Thermal expansion

RT Adiabatic

Contraction

Distortion (structural)

Economic growth

Elongation

Expanding cements

Expansion joints

-Expansive clays

-Expansive concrete

-Expansive forces

-Expansive soils

Extensometers

-Growth

Heaving

Internal forces

Normal strain

Preheating

Rebound

-Relaxation (mechanics)

-Shrinkage

-Strain

Swelling

Swelling pressure

-Volume change

Expansion joints 1305

BT -Joints (connections)

RT Bridge decks

-Bridges (structures)

Circumferential joints

-Concrete construction

-Concrete structures

-Construction joints

Contraction joints

Dowels

-Expansion

Joint fillers

Keyways

Longitudinal joints

-Masonry

Pipe joints

Slabs

Thermal expansion

Transverse joints

Vertical joints

Expansive clays 0807

BT -Clays

-Earth materials

-Expansive soils

-Finegrained soils

-Fines

-Materials

-Soils

-Soil types

NT Bentonite

RT Absorption

Adsorbents

-Adsorption

-Clay minerals

Cohesive soils

Drilling fluids

-Expansion

-Expansive forces

-Grouting

-Heaving

Impervious soils

-Montmorillonite

-Shrinkage

Slurries

Swelling

Swelling pressure

Uplift pressure

-Volume change

Expansive concrete 1303.1

BT -Building materials

-Concretes

-Construction materials

RT -Cements

-Concrete technology

Expanding cements

-Expansion

-Portland cements

Prestressed concrete

Expansive forces 2011

UF Forces (expansive)

NT Swelling pressure

RT -Expansion

-Expansive clays

-Expansive soils

-Explosions

-Heaving

Internal forces

Linear expansion

-Loads (forces)

Osmotic pressure

-Pressure

-Stress

Swelling

-Temperature

Thermal expansion

Thermal stress

-Volume change

Expansive soils 0807

BT -Earth materials

-Materials

-Soils

-Soil types

NT Bentonite

-Expansive clays

RT -Clays

Compressible soils

-Expansion

-Expansive forces

-Finegrained soils

-Heaving

-Montmorillonite

-Shrinkage

Slurries

Swelling

Swelling pressure

Uplift pressure

-Volume change

Expenditures 0503

RT Accounting

Appropriations (fiscal)

-Costs

Engineering costs

Insurance costs

-Prices

Rental equipment

Unit costs

Expenses

USE Costs

Experimental data 1407

BT -Information

RT -Charts

Curve fitting

Data collections

Data reduction

Field data

Laboratory tests

-Materials tests

Model tests

Prototype tests

-Shear tests

Statistics

Strain rate

Stress-strain curves

-Tables (data)

-Tests

Experimental farms 0202

BT -Facilities

-Farms

-Test facilities

RT Agricultural engineering

Agriculture

-Conservation

-Crops

THESAURUS OF TERMS

EXUDATION

Experimental farms (Con.)

- Livestock
- Research and development
- Resource conservation

Experimental watersheds

- USE Demonstration watersheds

Exploitation 0809

- RT -Depletion
- Exploration
- Groundwater depletion
- Leases
- Mines
- Mining
- Oil fields
- Oil industry
- Withdrawal

Exploration 1407

- UF -Prospecting
- NT -Electrical prospecting
- Geophysical prospecting
- Geothermal prospecting
- Gravimetric prospecting
- RT -Auger borings
- Bedrock
- Borehole cameras
- Borehole geophysics
- Boreholes
- Detection
- Dowsing
- Dredging
- Drift
- Drill holes
- Drilling
- Evaluation
- Exploitation
- Field investigations
- Foundation investigations
- Geologic investigations
- Investigations
- Locating
- Locations
- Logs
- Mapping
- Maps
- Mines
- Mining
- Mining engineering
- Objectives
- Oil industry
- Oil wells
- Percussion drilling
- Photogeology
- Preliminary investigations
- Remote sensing
- Research and development
- Rotary drilling
- Sampling
- Seismic refraction
- Seismic studies
- Shafts (excavations)
- Shafts (mining)
- Ships
- Sites
- Soil investigations
- Soundings
- Subsurface investigations
- Surveying
- Surveys
- Telemetry
- Terrain analysis
- Test holes
- Test pits
- Tests
- Trenches
- Well logging

Explorations (seismic)

- USE Seismic investigations

Explorations (subsurface)

- USE Subsurface investigations

Explosions 1904

- NT -Nuclear explosions
- Underground explosions
- Underwater explosions
- RT -Accidents
- Blasting
- Blasts
- Combustion
- Cratering
- Craters
- Demolition
- Detonation
- Dynamic loads
- Excavation
- Expansive forces

- Explosive construction
- Explosive excavation
- Explosives
- Fires
- Fuses (explosions)
- Hazards
- High explosives
- Impact loads
- Nuclear excavation
- Overpressure
- Rapid excavation
- Seismic studies
- Seismic tests
- Seismic waves
- Shear waves
- Shock (mechanics)
- Shock tests
- Shock waves

Explosive charges

- USE Charges (explosives)

Explosive construction 1315

- BT -Construction methods
- RT -Blasting
- Blasts
- Charges (explosives)
- Construction
- Construction practices
- Cratering
- Craters
- Drilling
- Dynamic loads
- Dynamic response
- Excavation
- Explosions
- Explosive excavation
- Explosives
- Fuses (explosions)
- Nuclear excavation
- Nuclear explosions
- Quarrying
- Rapid excavation
- Rock excavation
- Shafts (excavations)
- Underground explosions
- Underwater explosions

Explosive excavation 1315

- BT -Excavation
- NT -Nuclear excavation
- RT -Blasting
- Blasts
- Charges (explosives)
- Construction
- Cratering
- Craters
- Detonation
- Explosions
- Explosive construction
- Explosives
- Mining
- Nuclear explosions
- Overbreak
- Quarries
- Quarrying
- Rapid excavation
- Rock breakage
- Rock excavation
- Rock foundations
- Tranches
- Underground explosions
- Underwater explosions

Explosives 1901

- UF -Dynamite
- NT -Charges (explosives)
- Nitroglycerin
- RT -Blasting
- Blasts
- Construction
- Cratering
- Delay elements (explosives)
- Demolition
- Detonation
- Excavation
- Explosions
- Explosive construction
- Explosive excavation
- Fires
- Fuses (explosions)
- Hazards
- Mining
- Presplit blasting
- Quarrying
- Rapid excavation
- Rock excavation
- Seismic investigations
- Seismic studies

- Seismic tests
- Smooth wall blasting
- Storage
- Tunnel construction

Export 0503

- BT -Foreign trade
- RT -Import
- International compacts
- Tariff
- Treaties
- Water plans

Exposure 1407

- RT -Cold resistance
- Corrosion environments
- Dosage
- Environmental effects
- Exposure tests
- Irradiation
- Treatment
- Weathering
- Wetting and drying tests

Exposure tests 1402

- BT -Environmental tests
- Materials tests
- Tests
- RT -Corrosion tests
- Exposure
- Fatigue tests
- Field tests

Expressways

- USE Highways

Extensometers 1402

- BT -Equipment
- Gages
- Instrumentation
- Measuring instruments
- Meters
- Strain gages
- Test equipment
- RT -Deformation
- Dial gages
- Expansion
- Linear expansion
- Normal strain
- Shear strain
- Strain measurement
- Strain meters
- Tensiometers
- Transducers

Exterior friction

- USE External friction

External forces 2011

- UF -External pressures
- External stresses
- Forces (external)
- RT -Dam stability
- Dead loads
- External friction
- Ice loads
- Lateral forces
- Live loads
- Pressure
- Structural analysis
- Structural design
- Swelling pressure
- Total loads
- Total stress

External friction 1407

- UF -Exterior friction
- BT -Friction
- Mechanical properties
- RT -Abrasion
- Abrasion resistance
- Bins
- External forces
- Friction coefficient (hydraulic)
- Friction coefficient (mechanical)
- Internal friction
- Negative friction
- Positive friction
- Retaining walls
- Sliding resistance
- Solid friction
- Surface properties
- Traction forces
- Wall friction
- Walls

External pressures

- USE External forces

External stresses

- USE External forces

Extraction 1308

- BT -Separation
- NT -Pie extraction
- RT -Absorbers
- Adsorption
- Beneficiation
- Centrifugation
- Concentration
- Dewatering
- Dialysis
- Diffusion
- Dismantling
- Filtration
- Leaching
- Osmosis
- Percolation
- Removal
- Salvage
- Separation techniques
- Solvent extractions
- Solvents
- Sorption

Extra high voltage 2003

- UF -EHV
- BT -Electric potential
- RT -Alternating current
- Direct current
- Electrical equipment
- Electrical grounding
- Electric corona losses
- Electric coronas
- Electric networks
- Electric power
- Interconnected systems
- Power transformers
- Radio interference
- Terminal facilities (electrical)
- Transmission (electrical)
- Transmission lines
- Ultra high voltage

Extra long distance 0901.1

- UF -ELD
- RT -Distance
- Electrical stability
- Electric networks
- Electric power
- Interconnected systems
- Transmission (electrical)
- Transmission lines

Extraordinary use

- USE Artificial use

Extraterrestrial hydrology 0302

- BT -Hydrologic aspects
- RT -Astronomical bodies
- Astronomy
- Meteoric water

Extratropical cyclones 0402

- BT -Storms
- RT -Disasters
- Tropical cyclones

Extra work orders

- USE Contract administration

Extrusions 1308

- RT -Application methods
- Bars
- Castings
- Dies
- Exudation
- Fabrication
- Geology
- Materials forming
- Moldings
- Presses
- Rods
- Rolling

Exudation 1407

- UF -Guttation
- RT -Drops (fluids)
- Extrusions
- Incrustation
- Plant growth substances
- Separation
- Sweat
- Transpiration

FABRICATION

THESAURUS OF WATER RESOURCES TERMS

F

Fabrication 1308

- RT Building codes
- Construction
- Construction materials
- Erection
- Extrusions
- Industrial production
- Manufacturing
- Operations
- Prefabrication
- Preparation
- Processing
- Steel plates
- Structural steel
- Welded joints
- Welding
- Welding torches

Facilities 1407

Use of a more specific term is recommended

- NT Experimental farms
- Field laboratories
- Fish handling facilities
- Hydraulic laboratories
- Laboratories
- Recreation facilities
- Research facilities
- Test facilities
- Test machines
- Treatment facilities
- Wind tunnels
- RT Airports
- Buildings
- Camp sites
- Canneries
- Desalination plants
- Electric powerplants
- Hospitals
- Hydroelectric powerplants
- Industrial plants
- Libraries
- Mills
- Nuclear powerplants
- Operation and maintenance
- Pilot plants
- Playgrounds
- Powerplants
- Public utilities
- Residences
- Resource development
- Resources
- Saw mills
- Schools (education)
- Stations
- Swimming pools
- Thermal powerplants
- Tidal powerplants
- Universities
- Utilities

Factories

USE Industrial plants

Failure 1407

- NT Bridge failure
- Dam failure
- Electrical faults
- Electric power failure
- Failure (mechanics)
- Foundation failure
- Materials failure
- Plastic failure
- Tunnel failure
- RT Buckling
- Collapse
- Corrosion
- Cracking
- Damages
- Deformation
- Degradation
- Deterioration
- Disasters
- Earthquake damage
- Electric arcs
- Flashover
- Fractures

Failure (mechanics) 1407

- BT -Failure
- NT Materials failure

- Plastic failure
- Shear failure
- RT Bridge failure
- Brittle fractures
- Brittle fracture theory
- Buckling
- Building codes
- Collapse
- Cracking
- Cracks
- Dam breaches
- Dam failure
- Deformation
- Deterioration
- Failure surfaces
- Fatigue (materials)
- Fatigue tests
- Foundation failure
- Fractures
- Griffith theory
- Liquefaction
- Load factors
- Mechanical properties
- Mohr failure theory
- Plastic theory
- Rapid drawdown
- Rupture modulus
- Rupturing
- Shear
- Shear cracks
- Shear planes
- Soil liquefaction
- Soil stability
- Splitting tensile strength
- Stability
- Structural stability
- Torsion
- Triaxial shear
- Tunnel failure

Failure (power)

USE Electric power failure

Failure surfaces 2012

- BT -Surfaces
- RT -Cracks
- Failure (mechanics)
- Fractures
- Shear cracks
- Shear planes
- Slip planes
- Slip surface

Fall

USE Autumn

Fallout 1808

- UF Atmospheric fallout
- Radioactive fallout
- RT Aerosols
- Air environment
- Air pollution
- Air pollution control
- Atmosphere
- Civil defense
- Nuclear explosions
- Pollutants
- Precipitation (atmospheric)
- Radiation effects
- Radiation hazards
- Radioactive contamination
- Radioactive wastes
- Radioactivity
- Radioactivity effects
- Radiochemical analysis
- Radioisotopes
- Shelters
- Shielding
- Soil contamination
- Strontium radioisotopes
- Tritium
- Water pollution sources

Following 0203

BT -Land management

-Soil management

RT Arid lands

Chemcontrol

Crop production

-Cultivation

Dry land farming

Farm management

Pinning

Rotation

-Soil moisture

-Soil water

Water conservation

-Water management (applied)

Falls

USE Waterfalls

Fail velocity

USE Settling velocity

False set 1303.1

UF Premature stiffening

RT -Cements

-Concrete construction

Concrete mixes

-Concretes

-Concrete technology

Initial set

-Portland cements

-Retarding agents

Setting (materials)

Slump

Fans 1301

- RT Air circulation
- Blades
- Blowers
- Cooling
- Cooling systems
- Materials handling equipment
- Precooling
- Radiators
- Rotary pumps
- Ventilation

Fans (alluvial)

USE Alluvial deposits

Fans (fluvial)

USE Alluvial deposits

Farm animals

USE Domestic animals

Farm equipment 0203

- UF Farm machinery
- BT -Equipment
- RT Agricultural engineering
- Experimental farms
- Farm management
- Farms
- Feeders
- Filters
- Floats
- Generators
- Harvesting
- Instrumentation
- Irrigation engineering
- Irrigation systems
- Nozzles
- Plowing
- Pumps
- Tractors
- Valves

Farm lagoons 1302.1

- UF Manure lagoons
- RT -Anaerobic bacteria
- Disposal
- Farm management
- Farm ponds
- Farm wastes
- Seepage
- Settling basins
- Sewage lagoons
- Stock ponds
- Waste disposal
- Waste water (pollution)

Farm machinery

USE Farm equipment

Farm management 0202

- UF Cropping systems
- Crop rotation
- Farm practices
- BT -Management
- RT Agricultural economics
- Agriculture
- Catch crops
- Confinement pens
- Contour farming
- Contour furrows
- Costs
- Cropping patterns
- Crop production
- Crop response
- Crops
- Cultivation
- Demonstration farms
- Demonstration watersheds
- Development farms
- Drainage practices

Dry land farming

- Economics
- Erosion control
- Experimental farms
- Following
- Farm equipment
- Farm lagoons
- Farm wastes
- Fertilization
- Harvesting
- Irrigated land
- Irrigation operation & maintenance
- Irrigation practices
- Land management
- Land use
- Livestock
- Pest control
- Planting management
- Poultry
- Productivity
- Rotation
- Seeding
- Soil management
- Weed control

Farm ponds 0808 1302.6

- UF Irrigation impoundments
- Irrigation storage ponds
- Runch ponds
- BT -Bodies of water
- Impoundments
- Lakes
- Ponds
- Reservoirs
- Standing waters
- Surface waters
- RT -Aquatic habitats
- Domestic water
- Dugouts
- Farm lagoons
- Fish farming
- Fishing
- Fish management
- Flood control
- Fresh water
- Impounded waters
- Irrigation
- Irrigation water
- Small watersheds
- Stock ponds
- Stock water
- Water
- Water conservation
- Watershed management
- Water sources
- Water storage

Farm practices

USE Farm management

Farm prices 0202

- BT -Prices
- RT Agriculture
- Crop production
- Government finance
- Market value
- Parity prices

Farms 0202

- NT Demonstration farms
- Development farms
- Experimental farms
- Farm units
- RT Agricultural engineering
- Agricultural watersheds
- Agriculture
- Crops
- Dairy industry
- Farm equipment
- Fish farming
- Irrigated land
- Livestock
- Orchards
- Pasture
- Plowing
- Ponds
- Poultry
- Rural electrification
- Wastes

Farms (development)

USE Development farms

Farm units 0202

- BT -Farms
- RT Acreage
- Economics
- Efficiencies

THESAURUS OF TERMS

Farm units (Con.)

Irrigated land
Irrigation districts
Irrigation operation & maintenance
Irrigation permits
Irrigation programs
Water requirements

Farm wastes 0201

UF Agricultural wastes
Livestock wastes
Manure
BT -Wastes
RT Animal wastes (wildlife)
Confinement pens
Cultures
-Disposal
Domestic wastes
Farm lagoons
Farm management
Fertilizers
-Industrial wastes
-Organic wastes
Sewage tanks
-Settling basins
-Sludge
Soil disposal fields
Urine
-Waste disposal

Farxus species

USE Ash trees

Fasteners 1305

UF Fastenings
NT Anchor bolts
-Anchors
-Bolts
-Dowels
-Mechanical fasteners
Nails
-Pins (mechanical)
-Rock bolts
Roof bolts
Screws
RT Adapters
Adhesives
Anchored bulkheads
-Bracing
-Building materials
Butt joints
Chains
Clamps
-Closures
Collars
Connectors (electrical)
Connectors (mechanical)
-Couplings
Fillet welds
-Fittings
Flanges
Gusset plates
Hinges
Hooks
-Joints (connections)
Lap joints
Pin connected joints
Spacers
Straps
Studs
-Tapes
-Wire
Wire rope
Wrenches

Fasteners (mechanical)

USE Mechanical fasteners

Fastenings

USE Fasteners

Fat clays

USE Clays

Fathometers 1402

BT -Instrumentation
RT Depth
Sounding

Fatigue (materials) 2012

BT -Mechanical properties
RT Bridge failure
Buckling
-Corrosion
Cracking
Creep
Cyclic loads
Ductility
-Failure (mechanics)
Fatigue tests
Hardness
Notch effect
Plastic failure
-Plasticity
Repeated loading
-Shear
Shear cracks
-Shear tests
Strength of materials
-Stress
Stress corrosion
Stress relaxation
Stress relieving
-Tests
Thermal stress
-Vibration
-Wear resistance

Fatigue (physiology) 0619

RT -Environments
Human behavior
Human engineering
Performance
-Safety

Fatigue tests 1402

BT Endurance tests
RT -Materials tests
-Metal tests
-Tests
RT -Compression tests
-Drop tests
-Impact loads
-Durability
-Exposure tests
-Failure (mechanics)
Fatigue (materials)
-Field test
High temperature research
Impact tests
Laboratory tests
Notch tests
Plastic failure
Repeated loading
Static tests
-Strain
Strength of materials
-Stress
Stress relieving
Tension tests
Vibration tests
-Wear resistance

Fats

USE Lipids

Fatty alcohols 0703

UF Long-chain alcohols
BT -Alcohols
-Organic compounds
NT Hexadecanol
Octadecanol
RT Monomolecular films

Faucets

USE Valves

Faults (electrical)

USE Electrical faults

Faults (geology) 0807

UF Geological faults
RT Discontinuities
Displacements
-Earthquakes
-Fissures (geology)
Folds (geology)
-Fractures
Fractures (geology)
Groundwater barriers
-Heavy
Joints (geology)
Sagponds
Structural geology
Tunneling

Fauna

USE Animals

Feasibility 1407

NT Economic feasibility
Financial feasibility
Project feasibility
Technical feasibility
RT Benefit-cost analysis
Cost allocation
Cost repayment

-Economics
Engineering evaluation
Estimating
Feasibility studies
-Forecasting
-Investigations
Preliminary investigations
Project planning
Value engineering

Feasibility studies 1407

RT Benefit-cost analysis
Benefit-cost ratios
-Civil engineering
-Cost analysis
Economic feasibility
-Economics
Engineering evaluation
Estimating
Feasibility
Project feasibility
Project planning
Recommendations
Site selection

Fecundity 0603.2

RT -Eggs
-Population
Population growth
-Productivity
-Reproduction (biology)

Federal agencies 0504

BT -Organizations
RT Administrative agencies
Civil service
Federal budgets
Federal government
Federal jurisdiction
Federal project policy
Federal reservations
Federal-state cooperation
Federal-state water rights conflicts
Foreign activities
Government employees
State governments
-States (geographical)
United states government

Federal budgets 0501 0503

BT -Budgets
RT Appropriations (fiscal)
Budgeting
Civil service
Federal agencies
Federal government
National income
United states government

Federal government 0504

BT -Governments
RT Administrative agencies
Civil service
Federal agencies
Federal budgets
Federal-state cooperation
Government employees
Gross national product
International commissions
International compacts
-Legal aspects
National income
-Organizations
Political aspects
Repayment contracts
Revenues
-Social aspects
United states
United states government
Water resources development

Federal jurisdiction 0504

BT -Jurisdiction
RT Civil service
Federal agencies
Federal-state water rights conflicts
Political science
Reservation doctrine
State jurisdiction
Water quality standards
-Water rights

Federal project policy 0504

RT -Cost allocation
Cost repayment
Cost sharing
Federal agencies

FEED WATER

Project planning
Project purposes
-Projects
United states government
-Water policy

Federal reservations 0504

UF Reserved lands
BT -Public land
NT Indian reservations
Military reservations
National battlefields
National forests
National historic parks
National historic sites
National lakeshores
National memorials
National monuments
-National parks
National recreation areas
National seashores
Withdrawn lands
RT Federal agencies
Reservation doctrine
United states government

Federal-state cooperation 0504

RT Cooperation
Federal agencies
Federal government
State governments
-States (geographical)

Federal-state water rights

conflicts 0504.1
RT Federal agencies
Federal jurisdiction
-Jurisdiction
Reservation doctrine
State jurisdiction
United states government
-Water rights

Feedback 1407

RT Automatic control
Automation
Control systems
Decision making
Information systems

Feeders 1309

UF Feed mechanisms
BT -Equipment
RT Conveyances
-Conveyors
Dispensers
Farm equipment
Injectors
Loaders
-Mixers
-Water treatment

Feeding rates 0205

BT -Rates
RT -Feeds
-Productivity

Feed mechanisms

USE Feeders

Feed pumps 1311

BT -Hydraulic machinery
-Machines
-Pumps
RT Centrifugal pumps
Reciprocating pumps
Water recirculation

Feeds 0205

NT Hay
Silage
RT Feeding rates
Food abundance
Food and cover crops
Food:
Forage palatability
-Forages
Grains (crops)
Pasture
-Vitamins

Feed water 1301

BT -Water
RT Buffer feed water
Condensers (boilers)
-Deaeration
-Dehydration
-Dewatering
Water recirculation

FELDSPARS

Feed water (Con.) -Water treatment

Feldspars 0807 BT -Minerals

Fen 0807 RT -Bogs -Lake stages -Marshes -Peat

Fences 1313 RT -Boundaries (property) -Electrical shocking gear -Shock (physiology)

Fermentation 0703 RT -Activated sludge -Cultures -Decomposition -Effervescence -Industrial wastes -Processing -Sewage -Sewage sludge -Yeasts

Ferns 0603.1 BT -Plants (botany) RT -Spores

Ferric compounds USE Iron compounds

Ferrites 0702 1106 BT -Chemical compounds -Chemical elements -Iron compounds -Magnetic materials -Metals RT -Iron -Iron oxides -Microstructure -Steel

Ferroalloys USE Iron alloys

Ferrobacillus 0613 BT -Aerobic bacteria -Aquatic bacteria -Aquatic life -Aquatic microorganisms -Aquatic plants -Bacteria -Iron bacteria -Microorganisms -Plants (botany) -Seston RT -Acid bacteria

Ferromagnetism 2003 UF -Ferromagnets BT -Magnetic properties RT -Magnetic materials -Magnets

Ferromagnets USE Ferromagnetism

Ferrous compounds USE Iron compounds

Fertility 0201 0616 RT -Competition -Fertilization -Fertilizers -Nutrients -Population growth -Reproduction (biology) -Soil chemical properties -Soil physical properties -Soil properties -Sterility -Topsoil

Fertilization 0201 RT -Application methods -Crop production -Crop response -Crops -Drainage effects -Environmental effects -Farm management -Fertility -Fertilizers -Fisheries -Fish farming -Fish management

Forest management Irrigation effects -Irrigation practices -Pollen -Productivity -Seed treatment -Soil treatment -Timing -Water requirements

Fertilizers 0201 BT -Agricultural chemicals RT -Ammonium compounds -Chemicals -Farm wastes -Fertility -Fertilization -Irrigation practices -Leaching -Lime -Nitrates -Nitrogen compounds -Nutrient requirements -Nutrients -Organic matter -Phosphates -Phosphorus compounds -Seed treatment -Sewage sludge -Soil amendments -Translocation -Trickle irrigation -Ureas -Water pollution sources

Fescues 0204 0603.1 UF -Festuca species BT -Agronomic crops -Crops -Field crops -Forage grasses -Forages -Grasses -Monocots -Plants (botany) RT -Turf grasses

Festuca species USE Fescues

Fetch 2004 RT -Dam facings -Distance -Freeboard -Water levels -Wave height -Waves (water) -Wind (meteorology)

Fiberboards 1112 BT -Building materials -Construction materials -Materials RT -Fibers -Paper -Wood

Fiber crops 0204 BT -Agronomic crops -Crops -Dicots -Field crops -Horticultural crops -Plants (botany) NT -Cotton RT -Fibers (plant) -Plant groupings

Fibers 1105 NT -Fibers (plant) -Glass fibers -Rayon -Synthetic fibers RT -Asbestos -Composite materials -Fiberboards -Fragments -Materials -Paper -Reeds -Reinforcing materials -Textiles

Fibers (plant) 1105 BT -Fibers -Plant tissues -Vascular tissues RT -Bark -Cellulose

Cotton -Fiber crops -Lignins -Lumber -Phloem -Pulp wastes -Reeds -Textiles -Wood -Xylem

Field capacity 0808.1 RT -Capillary action -Capillary water -Moisture content -Retention -Soil moisture

Field classifications 1407 BT -Classifications RT -Field data -Field investigations -Geologic investigations -Soil investigations -Visual classifications

Field control 1407 BT -Control RT -Bench marks -Concrete control -Construction -Construction control -Control equipment -Critical path method -Field data -Field investigations -Field laboratories -Field tests -Inspection -Quality control -Specifications -Surveying

Field crops 0204 BT -Crops -Plants (botany) NT -Agronomic crops -Alfalfa -Alsike clover -Asparagus -Bahagrass -Barley -Beans -Bromegrass -Carrots -Cereal crops -Coastal bermudagrass -Corn (field) -Cotton -Crimson clover -Dallisgrass -Fescues -Fiber crops -Forage grasses -Forage legumes -Forage mixtures -Forages -Grama grasses -Hay -Ladino clover -Lettuce -Oats -Onionseed crops -Onions -Orchardgrass -Peanuts -Perennial ryegrass -Potatoes -Range grasses -Red clover -Rice -Sorghum -Soybeans -Sudangrass -Sugar beets -Sugarcane -Sugar crops -Sweet corn -Sweet potatoes -Switchgrass -Tobacco -Tomatoes -Vegetable crops -Vetch -Wheat -Wheatgrasses -Horticultural crops -Ornamentals

Plant groupings

Field data 1407 UF -On-site data collections BT -Information RT -Data collections -Design data -Experimental data -Field classifications -Field control -Field investigations -Field laboratories -Field tests -Geologic investigations -Hydrologic data -Plate load tests -Soil investigations -Structural behavior -Surveying -Surveys -Tables (data) -Vane shear tests

Field density 1407 BT -Density -Physical properties RT -Densimeters -Dry density -Field tests -In place density -In situ tests -Nuclear density meters -Penetration tests -Rapid compaction control -Relative density -Undisturbed samples -Wet weight

Field investigations 1402 UF -On-site investigations BT -Investigations NT -Field permeability tests -Field tests -Plate load tests -Ponding tests -Thiem test RT -Design data -Drilling fluids -Evaluation -Exploration -Field classifications -Field control -Field data -Field laboratories -Foundation investigations -Geologic investigations -In situ rock -Inspection -Jacking tests -Mapping -Preliminary investigations -Project planning -Prototype tests -Quality control -Right-of-way -Sampling -Soil investigations -Terrain analysis -Vane shear tests -Visual classifications -Water sampling

Field laboratories 1402 UF -Movable laboratories -On-site laboratories BT -Facilities -Laboratories -Test facilities RT -Concrete control -Construction control -Control equipment -Environmental tests -Field control -Field data -Field investigations -Field tests -Inspection -Laboratory equipment -Laboratory tests -Mobile equipment -Quality control -Test equipment

Field permeability tests 1402 BT -Field investigations -Field tests -In situ tests -Materials tests -Permeability tests

THESAURUS OF TERMS

Field permeability tests (Con.)

-Tests
 NT Thiem test
 RT -Drawdown
 Groundwater flow
 Groundwater management
 -Investigations
 Observation wells
 Percolation
 Permeability
 Ponding tests
 Pumping tests (wells)
 Pump tests

Fields (cultivated)
 USE Cultivated lands

Field tests 1402

UF On-site tests
 BT -Field investigations
 -Tests
 NT -Field permeability tests
 Foundation bearing tests
 In situ tests
 Jacking tests
 Permeability tests
 Plate load tests
 Ponding tests
 Thiem test
 RT Acceptance tests
 Compaction tests
 Concrete tests
 Construction control
 Design data
 Dynamic tests
 Environmental tests
 Exposure tests
 Fatigue tests
 Field control
 Field data
 Field density
 Field laboratories
 Filter tests
 Flat jack method
 Foundation investigations
 Friction tests
 In place density
 Investigations
 Laboratory tests
 Materials tests
 Nuclear density meters
 Nuclear moisture meters
 Penetration tests
 Pile tests
 Prototype tests
 Pull-out tests
 Pumping tests (wells)
 Quality control
 Rapid compaction control
 Research and development
 Salt velocity method
 Seismic tests
 Shear tests
 Soil tests
 Test canals
 Test equipment
 Test fills
 Test piles
 Test pits
 Test procedures
 Vane shear tests
 Weathering

Filamentous fungi
 USE Molds

Filaments 1106

RT -Electrodes
 Electron tubes
 Fibers
 Wire

Fill dams
 USE Earth dams

Filters 1104

NT Joint filters
 RT -Additives
 Pigments
 Reinforcement
 Sealants
 Sealing compounds

Fillet welds 1305

BT -Welds
 RT -Fasteners
 Joints (connections)
 Welded joints
 Welding

Fills 1302 1313

NT Backfills
 Earthfill
 Hydraulic fills
 Landfills
 Rock fills
 Rolled fills
 Test fills
 RT -Borrow areas
 Borrow materials
 Borrow pits
 Canals
 Compacted soils
 Compaction
 Dikes
 Earth dams
 Earth handling equipment
 Earth materials
 Earthmoving
 Earthworks
 Embankments
 Hydraulic fill dams
 Levees
 Lifts (construction)
 Overhaul
 Roadbanks
 Road construction
 Road design
 Rockfill dams
 Slope stability
 Slope stabilization
 Soil compaction
 Stockpiling
 Tamping rollers
 Zoned embankments

Films 0704 1103

NT Monomolecular films
 Thin films
 RT Adsorbed water
 Adsorption
 Boundary layer
 Coatings
 Evaporation retardants
 High speed photography
 Linings
 Membranes
 Photography
 Plastics
 Polyethylene
 Protective coatings

Filtering systems

USE Filters

Filters 1311

UF Filtering systems
 NT Air filters
 Electromagnetic wave filters
 Fluid filters
 Inverted filters
 Meus-membrane filters
 Trickling filters
 Well filters
 RT Biological membranes
 Blankets
 Diatomaceous earth
 Drainage
 Drainage systems
 Drains
 Farm equipment
 Filter stones
 Filter tests
 Filtration
 Gravels
 Intakes
 Membranes
 Particle shape
 Particle size
 Pervious blankets
 Porous media
 Sand drains
 Screening
 Screens
 Sieves
 Toe drains
 Transition zones
 Trickle irrigation
 Underdrains
 Well screens
 Zoned embankments

Filters (electromagnetic)

USE Electromagnetic wave filters

Filters (fluid)

USE Fluid filters

Filters (sewage)

USE Sewage treatment

Filter stones 1311

RT Bubbling pressure
 Capillary tubes
 Filters
 Fluid filters
 Piezometers
 Porous materials

Filter tests 1402

BT -Tests
 RT -Field tests
 Filters
 Fluid filters
 Laboratory tests
 Permeability
 Soil tests

Filtration 0704

BT -Separation techniques
 RT -Beneficiation
 Centrifugation
 Dewatering
 Extraction
 Filters
 Fluid filters
 Osmosis
 Pit recharge
 Precipitation (chemistry)
 Sewage treatment
 Sewage treatment plants
 Sewage works
 Waste water treatment
 Water filters
 Water pollution treatment
 Water purification
 Water treatment
 Water treatment plants
 Well filters

Filtration (water)

USE Water filters

Filtration plants (sewage)

USE Sewage treatment plants

Finance 0503

UF Funding
 Funds
 RT Allotments
 Budgeting
 Budgets
 Capital
 Costs
 Credit
 Depreciation
 Economic efficiency
 Financial feasibility
 Financing
 Government finance
 Grants
 Interest (finance)
 Investment
 Loans
 Participating funds
 Principal
 Profit

Financial analysis 0503

BT -Analytical techniques
 RT -Benefits
 Budgeting
 Cost comparisons
 Costs
 Engineering costs
 Government finance
 Income
 Interest (finance)
 Investment
 Profit
 Unit costs

Financial feasibility 0503

BT -Feasibility
 RT -Budgeting
 Economic feasibility
 Finance
 Financing
 Monetary benefits
 Optimum development plans
 Planning
 Project feasibility

Financing 0503

RT Allotments
 Budgeting
 Capital

FINE-TEXTURED SOILS

Commerce
 -Costs
 Credit
 Economic efficiency
 Engineering costs
 Engineering economy
 Finance
 Financial feasibility
 Government finance
 Grants
 Interest (finance)
 Investment
 Liabilities
 Loans
 -Management
 -Marketing
 Participating funds
 -Planning
 Principal
 Project title
 -Regulations
 Revenues

Fin clipping

USE Marking techniques

Fine aggregates 1303

BT -Aggregates
 Construction materials
 RT Coarse aggregates
 Cohesionless soils
 Concrete technology
 Crushed stone
 Fines
 Grain sizes
 Granular materials
 Laitance
 Sand pits
 Sands
 Selected materials
 Soil aggregates

Finegrained soils 0807

BT -Earth materials
 Materials
 Soils
 Soil types
 NT Adobe
 Bentonite
 Clays
 Expansive clays
 Kaolin
 Marine clays
 Organic clays
 Organic silts
 RT Cohesive soils
 Compressible soils
 Expansive soils
 Fines
 Fine-textured soils
 Grain sizes
 Impervious soils
 Rapid compaction control
 Relative consistency
 Rock flour
 Silt
 Vane shear tests

Fines 1407

NT Adobe
 Clays
 Expansive clays
 Marine clays
 Organic clays
 Organic silts
 Quick clays
 RT -Aggregates
 Cohesive soils
 Colloids
 Earth materials
 Fine aggregates
 Finegrained soils
 Fine-textured soils
 Gradation
 Grain sizes
 Granular materials
 Laitance
 Particles
 Particle size
 Powders
 Rock flour
 Sands
 Screening
 Sieve analysis
 Silt
 Soil components

Fine-textured soils 0807

BT -Soil types

FINISHES

Fine-textured soils (Con.)

- NT-Clays
 - Rock flour
- RT-Earth materials
 - Finegrained soils
 - Fines
 - Silt
 - Soil texture

Fingerlings

USE Fry

Finishes 1103

- NT Coal-tar epoxy paints
 - Enamels
 - Lacquers
 - Paints
 - Varnishes
- RT Blistering
 - Coatings
 - Finishing
 - Plating
 - Primers (coatings)
 - Protective coatings
 - Sealants
 - Surface properties
 - Surfaces
 - Surface sealing
 - Waxes

Finishing 1308

- NT Concrete finishing
- RT Cleaning
 - Cutting
 - Drying
 - Finishes
 - Grinding
 - Heat treatment
 - Machining
 - Painting
 - Protective coatings
 - Surface preparation

Finite difference method 1201

- BT-Analysis
 - Mathematical studies
 - Numerical analysis
- RT Approximation method
 - Computer models
 - Computer programming
 - Differential equations
 - Finite differences
 - Mathematical analysis
 - Matrix algebra
 - Matrix methods (structural)
 - Mechanics

Finite differences 1201

- UF Differences (finite)
- BT -Mathematical analysis
 - Mathematics
- RT-Analysis
 - Approximation method
 - Calculus
 - Computer programming
 - Differential equations
 - Finite difference method
 - Mathematical studies
 - Matrix algebra
 - Mechanics
 - Numerical analysis

Finite element method 2011

- BT-Analysis
 - Mathematical studies
 - Numerical analysis
- RT Approximation method
 - Computer models
 - Computer programming
 - Differential equations
 - Mathematical analysis
 - Mathematical models
 - Matrix algebra
 - Matrix methods (structural)
 - Mechanics
 - Nodes
 - Rigid boundaries
 - Stress analysis

Fins 2004

- RT Aerodynamics
 - Air circulation
 - Blades
 - Cooling
 - Cooling towers
 - Guide vanes
 - Heat exchangers
 - Heat transfer
 - Vanes

Fire alarm systems 1312

- UF Alarm systems (fire)
- BT -Warning systems
- RT Fires
 - Fire safety
 - Safety
 - Sensors

Fire extinguishers 1312

- RT Fires
 - Fire safety

Fire prevention

USE Fire safety

Fire protection

USE Fire safety

Fires 1312

- RT -Accidents
 - Combustion
 - Explosions
 - Explosives
 - Fire alarm systems
 - Fire extinguishers
 - Fire safety
 - Fire walls
 - Flames
 - Hazards
 - Safety
 - Sparks

Fire safety 1312

- UF Fire prevention
- Fire protection
- BT -Safety
- RT Building codes
 - Fire alarm systems
 - Fire extinguishers
 - Fires
 - Fire walls

Fire walls 1313.5

- BT -Walls
- RT Building codes
 - Building design
 - Fires
 - Fire safety

Firm energy 0903

- BT -Energy
- RT -Electric power
 - Electric power demand
 - Electric power production
 - Generating capacity
 - Hydroelectric power
 - Power dispatching
 - Power marketing
 - Power system operations

Firn 0402

- UF Neve
- BT -Groundwater sources
 - Precipitation (atmospheric)
 - Snow
- RT -Compaction
 - Glaciers
 - Ice
 - Slush
 - Snowpacks

First aid 0605

- RT -Accidents
 - Drowning
 - Medicine
 - Resuscitation
 - Safety

First in time, first in right

USE Priorities

First order surveys 0802

- UF Precise surveys
- BT -Surveys
- RT Accuracy
 - Data collections
 - Design data
 - Plane surveying
 - Topographic surveys

Fir trees 0206 0603.1

- UF Abies species unspecified)
- BT -Coniferous trees
 - Conifers
 - Gymnosperms
 - Plants (botany)
 - Trees
- NT Balsam fir trees
 - Grand fir trees

- Noble fir trees
 - Pacific silver fir trees
 - White fir trees
- RT Coniferous forests

Fish 0603.2

- BT -Animals
 - Aquatic animals
 - Aquatic life
 - Wildlife
- NT Ammocetes
 - Anadromous fish
 - Atlantic menhaden
 - Atlantic salmon
 - Bass
 - Bottom fish
 - Brackish-water fish
 - Brook trout
 - Brown trout
 - Buffalo fishes
 - Bullheads
 - Carp
 - Carp sucker
 - Caladromous fish
 - Catfishes
 - Cavefishes
 - Channel catfish
 - Chinook salmon
 - Chum salmon
 - Cichlids
 - Cisco
 - Cold-water fish
 - Commercial fish
 - Cutthroat trout
 - Darters
 - Desmersal fishes
 - Eels
 - Elasmobranchs
 - Forage fish
 - Freshwater fish
 - Fry
 - Gars
 - Herrings
 - Juvenile fishes
 - Killifishes
 - Lake trout
 - Lampreys
 - Livebearers
 - Low-latitude fishes
 - Madloms
 - Marine fish
 - Minnows
 - Morays
 - Mullets
 - Pan fish
 - Perches
 - Pikes
 - Pile perch
 - Pink salmon
 - Prey fish
 - Rainbow trout
 - Roanoke bass
 - Rock bass
 - Rough fish
 - Saline water fish
 - Salmon
 - Salmonids
 - Sauger
 - Sculpins
 - Sea basses
 - Sharks
 - Shiners
 - Silversides
 - Smelts
 - Smolt
 - Sockeye salmon
 - Sport fish
 - Sticklebacks
 - Striped bass
 - Suckers
 - Sunfishes
 - Tilapia
 - Trout
 - Walleye
 - White bass
 - White perch
 - White seaperch
 - Yellow bass
 - Yellow perch
- RT Animal groupings
 - Aquaria
 - Biology
 - Dystrophy
 - Eutrophication
 - Fish attractants
 - Fish barriers
 - Fish behavior
 - Fish conservation
 - Fish control agents

- Fish diets
- Fish diseases
- Fish eggs
- Fisheries
- Fish establishment
- Fish farming
- Fish food organisms
- Fish genetics
- Fish guiding
- Fish handling facilities
- Fish hatcheries
- Fishing
- Fishkill
- Fish management
- Fish migration
- Fish parasites
- Fish passages
- Fish physiology
- Fish populations
- Fish repellents
- Fish sterilants
- Fish stocking
- Fish taxonomy
- Fish toxins
- Fish types
- Fishways
- Larvae
- Number fish per acre
- Oligotrophy
- Piscicides
- Pounds fish per acre
- Predation
- Schools (fish)

Fish and wildlife 0603

- RT -Animals
 - Big game
 - Biology
 - Ecology
 - Fishing
 - Fish management
 - Fishways
 - Food and cover crops
 - Freshwater fish
 - Habitat improvement
 - Hunting
 - Migratory birds
 - Multiple purpose projects
 - Multiple purpose reservoirs
 - Non-migratory birds
 - Preservation
 - Project benefits
 - River basin development
 - Saline water: fish
 - Small game
 - Stream improvement
 - Vegetation effects
 - Waterfowl
 - Wildlife conservation
 - Wildlife management

Fish attractants 0603.2

- BT -Attractants
 - Fish control agents
- RT -Fish
 - Fish management

Fish barriers 1313.1

- BT -Barriers
 - Concrete structures
 - Dams
 - Electrical shocking gear
 - Engineering structures
 - Fish
 - Fish handling facilities
 - Fish migration
 - Fish passages
 - Fish screens
 - Fishways
 - Hydraulic structures
 - Shock (physiology)
 - Spawning channels

Fish behavior 0603.2

- BT -Animal behavior
 - Behavior
- RT -Aquatic environment
 - Aquatic habitats
 - Fish
 - Fish guiding
 - Fish passages
 - Fish screens
 - Fishways
 - Food habits
 - Migration
 - Reproduction (biology)
 - Schools (fish)
 - Social behavior

THESAURUS OF WATER RESOURCES TERMS

THESAURUS OF TERMS

FISH REPRODUCTION

Fish conservation 0603.2

- BT—Conservation
- Resource conservation
- Wildlife conservation
- RT—Fish
- Fish establishment
- Fish management
- Fish stocking
- Selective level releases
- Water conservation

Fish control agents 0606

- NT
- Fish attractants
- Fish repellents
- Fish sterilants
- Piscicides
- Rotenone
- RT—Animal control
- Antimycin A
- Attractants
- Fish
- Fisheries
- Fish hatcheries
- Fish management
- Fish physiology
- Fish screens
- Repellents

Fish diets 0616

- BT—Diets
- RT—Fish
- Fish food organisms
- Fish management
- Fish populations

Fish diseases 0603.2

- UF Fish pathology
- BT—Animal diseases
- Diseases
- RT Animal pathology
- Fish
- Fishkill
- Fish parasites
- Nutrient requirements
- Pathogenic fungi
- Pest control
- Zoonoses

Fish eggs 0603.2

- BT—Eggs
- Growth stages
- RT—Fish
- Fish reproduction
- Fish stocking
- Fry

Fish environment

- USE Aquatic environment

Fisheries 0603.2

- NT
- Estuarine fisheries
- Lake fisheries
- Marine fisheries
- Reservoir fisheries
- Stream fisheries
- RT Commercial fishing
- Ecology
- Fertilization
- Fish
- Fish control agents
- Fish hatcheries
- Fishing
- Fish management
- Migration

Fish establishment 0606

- UF Immigration (fish)
- RT—Aquatic habitats
- Creel census
- Environmental effects
- Fish
- Fish conservation
- Fish harvest
- Fishkill
- Fish management
- Fish migration
- Fish populations
- Fish reproduction
- Fish stocking
- Life history studies
- Mortality
- Spawning
- Spawning channels

Fish farming 0801

- UF
- Fish—rice rotations
- Rice rotations
- Rice—fish rotations
- Water farming

BT—Aquaculture

- K Aquatic productivity
- Aquatic soils
- Farm ponds
- Farms
- Fertilization
- Fish
- Fish harvest
- Fish hatcheries
- Fish management
- Fish populations
- Fish stocking
- Number fish per acre
- Pounds fish per acre
- Rice
- Rotation

Fish food organisms 0603.2

- RT—Aquatic algae
- Aquatic insects
- Diets
- Food chains
- Food pyramids
- Food webs
- Fry
- Nutrient requirements
- Phytoplankton
- Plankton
- Zooplankton

Fish genetics 0603.2

- BT—Genetics
- RT—Fish
- Fish reproduction

Fish guiding 0606

- BT—Animal control
- Control
- RT Electrical shocking gear
- Fish
- Fish behavior
- Fish handling facilities
- Fish ladders
- Fish management
- Fish migration
- Fish passages
- Fishways
- Shock (physiology)

Fish handling facilities 1313.1

- BT—Facilities
- RT
- Canneries
- Commercial fishing
- Dams
- Electrical shocking gear
- Fish
- Fish barriers
- Fish guiding
- Fish hatcheries
- Fish ladders
- Fish management
- Fish migration
- Fish passages
- Fish screens
- Fish stocking
- Fishways
- Shock (physiology)

Fish harvest 0503

- RT
- Commercial fish
- Creel census
- Fish establishment
- Fish farming
- Fishing
- Fish populations
- Harvesting
- Number fish per acre
- Pounds fish per acre
- Regulation
- Sport fish

Fish hatcheries 0603.2

- RT—Fish
- Fish control agents
- Fisheries
- Fish farming
- Fish handling facilities
- Fish management
- Fish parasites
- Reproduction (biology)
- Selective level releases

Fishing 0503 0511

- UF Angling
- NT
- Bait fishing
- Cold-water fishing
- Commercial fishing
- Electro-fishing

Fly fishing

- Ice fishing
- Sport fishing
- Surf-casting
- Trawling
- Warm-water fishing

RT

- Baits
- Creel census
- Farm ponds
- Fish
- Fish and wildlife
- Fisheries
- Fish harvest
- Fishing gear
- Nets
- Project benefits
- Recreation
- Sport fish
- Water sports
- Water utilization

Fishing gear 0511

- RT
- Bait fishing
- Baits
- Commercial fishing
- Electrical shocking gear
- Electro-fishing
- Fishing
- Fly fishing
- Ice fishing
- Nets
- Sport fishing
- Surf-casting
- Water sports

Fishkill 0503

- RT Anaerobic conditions
- Eutrophication
- Fish
- Fish diseases
- Fish establishment
- Fish parasites
- Freezing
- Morbidity
- Mortality
- Pesticide residues
- Pesticide toxicity
- Predation
- Water pollution effects
- Wildlife conservation

Fish ladders 1313.1

- RT—Dams
- Electrical shocking gear
- Entrances (fluid flow)
- Fish guiding
- Fish handling facilities
- Fish management
- Fish migration
- Fish passages
- Fish screens
- Fishways
- Shock (physiology)
- Spawning channels

Fish management 0603.2

- BT—Management
- RT
- Aquaria
- Ecology
- Environmental effects
- Farm ponds
- Fertilization
- Fish
- Fish and wildlife
- Fish attractants
- Fish conservation
- Fish control agents
- Fish diets
- Fisheries
- Fish establishment
- Fish farming
- Fish guiding
- Fish handling facilities
- Fish hatcheries
- Fish ladders
- Fish migration
- Fish passages
- Fish repellents
- Fish reproduction
- Fish screens
- Fish sterilants
- Fish stocking
- Fishways
- Fry
- Non-consumptive use
- Nutrient requirements
- Productivity
- Reasonable use
- Regulation

—Reservoir operation

- Reservoirs
- Riparian rights
- Water policy
- Wildlife management

Fish migration 0603.2

- BT—Migration
- RT
- Anadromous fish
- Catadromous fish
- Fish
- Fish barriers
- Fish establishment
- Fish guiding
- Fish handling facilities
- Fish ladders
- Fish management
- Fish passages
- Fishways
- Life history studies
- Schools (fish)
- Spawning channels

Fish parasites 0603.2

- BT—Animal parasites
- Parasites
- RT
- Animal pathology
- Epirotoiology
- Fish
- Fish diseases
- Fish hatcheries
- Fishkill
- Fish populations
- Lampreys
- Pest control

Fish passages 1313.1

- RT
- Anadromous fish
- Concrete structures
- Dams
- Engineering structures
- Fish
- Fish barriers
- Fish behavior
- Fish guiding
- Fish handling facilities
- Fish ladders
- Fish management
- Fish migration
- Fish screens
- Fishways
- Intakes
- Intake structures
- Reservoirs
- Spawning channels

Fish pathology

- USE Fish diseases

Fish physiology 0616

- BT—Animal physiology
- RT—Environmental effects
- Fish
- Fish control agents
- Fish reproduction
- Fish toxins
- Growth stages
- Oxygen sag
- Pesticide residues

Fish populations 0603.2

- BT—Aquatic populations
- Population
- RT
- Creel census
- Fish
- Fish diets
- Fish establishment
- Fish farming
- Fish harvest
- Fish parasites
- Number fish per acre
- Yield equations

Fish predators

- USE Predation

Fish repellents 0606

- BT—Fish control agents
- Repellents
- RT—Fish
- Fish management
- Sharks

Fish reproduction 0603.2

- BT—Reproduction (biology)
- RT
- Fish eggs
- Fish establishment
- Fish genetics
- Fish management

FISH SCREENS

Fish reproduction (Con.)

Fish physiology
Fry
-Life cycles
Life expectancy
Spawning
Spawning channels

Fish-ree rotations
USE Fish farming

Fish rotations
USE Fish farming

Fish screens 1313.1

BT -Screens
RT -Debris barriers
Fish barriers
Fish behavior
-Fish control agents
Fish handling facilities
Fish ladders
Fish management
Fish passages
Fishways
Headworks

Fish sterilants 0603.2

BT -Fish control agents
-Sterilants
RT -Fish
Fish management
Piscicides

Fish stocking 0603.2

BT -Stocking
RT -Fish
Fish conservation
Fish eggs
Fish establishment
Fish farming
Fish handling facilities
Fish management
Fry
Number fish per acre

Fish taxonomy 0603.2

BT -Systematics
RT -Fish

Fish toxins 0616

(toxins produced by fish)
BT -Chemicals
-Poisons
-Toxins
RT -Fish
Fish physiology
Public health
Red tide

Fish types 0603.2

Use of a more specific term is recommended

RT Anadromous fish
Animal groupings
-Animals
-Aquatic animals
Bottom fish
Brackish-water fish
Catadromous fish
-Cold-water fish
Commercial fish
Desmersal fishes
-Elasmobranchs
-Fish
-Freshwater fish
Low-latitude fishes
-Marine fish
-Pan fish
Prey fish
Rough fish
-Saline water fish
Sport fish
Warm-water fish

Fishways 1313.1

BT -Hydraulic structures
RT Anadromous fish
-Concrete structures
-Dams
Diversion structures
Electrical shocking gear
-Fish
Fish and wildlife
Fish barriers
Fish behavior
Fish guiding
Fish handling facilities
Fish ladders
Fish management

Fish migration
Fish passages
Fish screens
-Intakes
Shock (physiology)

Fission (nuclear)
USE Nuclear reactions

Fissured clays
USE Clays

Fissures 1113

RT Cavities
Cleavage
Cracking
-Cracks
Crazing
-Fissures (geology)
-Fractures
Underground openings

Fissures (geology) 0807

BT -Geologic structures
N - Joints (geology)
RT Cleavage
-Cracks
Crevasses
Faults (geology)
Fissures
Folds (geology)
-Fractures
Fractures (geology)
Structural geology

Fittings 1305

NT Compression fittings
Hose fittings
Pipe fittings
RT Adapters
-Closures
Collars
Connectors (mechanical)
-Couplings
-Fasteners
Flanges
Flexible tubing
-Joints (connections)
-Mechanical fasteners
-Welding

Fixed-bed models 1402

BT -Hydraulic models
-Models
-Model studies
RT -Canals
-Channels
Movable bed models
Rigid boundaries
-Rivers

Fixed boundaries

USE Rigid boundaries

Fixed costs 1401

BT -Costs
RT Capital
Construction costs
Electric power costs
Indirect costs
Operating costs
Overhead costs
Variable costs

Fixed structures 1313.5

BT -Structures
RT -Frames
-Joints (connections)
Rigid frames
-Trestles
-Trusses

Fixed wheel gates 1313.7

BT -Gates
-Hydraulic gates
RT Bulkhead gates
Coaster gates
-Fluid mechanics
Gate control
High pressure gates
-Hoisting machinery
Intake gates
Radial gates
Roller gates
Roller-mounted gates
Sector gates
Spillway gates

Fjords 0807

BT -Land forms
RT Coasts
Geomorphology
-Glacial geology
Glaciers
Inlets (waterways)
Oceans
-Regions
Sea level

Flame photometry 1402

BT -Analysis
-Analytical techniques
-Chemical analysis
-Optical measurement
-Photometry
RT Colorimetry
Flames
-Optical properties
Photometers
Qualitative analysis
Spectrophotometry

Flames 2102

RT Combustion
Fires
Flame photometry

Flame sprays

USE Metal coatings

Flammability 2102

RT Combustion

Flanges 1313

RT Adapters
-Bolts
Connectors (mechanical)
-Couplings
-Fasteners
-Fittings
-Joints (connections)
Pipe fittings
Pipe joints
Plate girders
-Plates
Structural steel
-Welding

Flap valves 1311

BT -Hydraulic valves
-Valves
RT Butterfly valves
Canal linings
Check valves
-Drainage
-Lined canals

Flashboards 1313.1

RT -Check structures
Chute spillways
-Dams
Freeboard
Movable dams
-Outlet works
Shall spillways
Side channel spillways
Spillway piers
-Spillways
Stop logs

Flash distillation 1302.5

BT -Distillation
-Separation techniques
NT Multistage flash distillation
RT -Deminerization
-Desalination
Desalination processes
Flash evaporators

Flash evaporators 1302.5

BT -Equipment
-Evaporators
RT -Deminerization
-Desalination
-Flash distillation
Multistage flash distillation

Flash floods 0808

BT -Floods
RT Flood control
Flood damage
-Rainfall
Rainfall intensity
Sheet floods
Thunderstorms

Flash freezing 1302.5

BT -Freezing
RT Desalination processes

Flashover 2003

BT -Electric current
-Electric discharges
RT -Electrical faults
Electric arcs
-Electric power failure
-Failure
Leakage current
Structural steel
Withstand level (electric)

Flat jack method 0807.1 1402

RT -Field tests
-In situ tests
Jacking
Jacking tests
-Jacks (mechanical)
Loading tests
Rock competency
Rock foundations
-Test equipment

Flat plates 1313.5

BT -Plates
RT Gusset plates
Liner plates
Plane structures
-Steel plates
Thick plates
Thin plates

Flat surfaces 1407

BT -Surfaces
RT -Geometric shapes
Grading (earthwork)
Plane structures
-Roughness

Flavor

USE Taste

Flexibility 2012

UF Flexure
BT -Mechanical properties
RT Bending
Deflection
Ductility
Elasticity (mechanical)
Flexural strength
Hinged structures
-Plasticity
Rigidity
Stiffness
Workability

Flexible couplings 1305

UF Flexible joints
Joints (flexible)
BT -Couplings
RT Clutches (mechanical)
Connectors (mechanical)
Hinged structures
Hose fittings
Pin connected joints
Pipe fittings
Power transmission (mechanical)
-Shafts (machinery)
Universal joints

Flexible footings

USE Flexible foundations

Flexible foundations 1313.6

UF Flexible footings
BT -Foundations
RT Backfills
Bearing values
Building codes
Differential settlement
Displacements
-Footings
Foundation bearing tests
Grillage footings
Pile foundations
-Piles (foundations)
-Rigid foundations
Slabs
Soil mechanics
Spread footings
Spread foundations
-Structures

Flexible joints

USE Flexible couplings

THESAURUS OF WATER RESOURCES TERMS

THESAURUS OF TERMS

FLOOD HYDROGRAPHS

Flexible linings 1303

- BT - Linings
- RT - Asphalt membranes
- Blankets
- Buried membranes
- Canal linings
- Canals
- Canal seepage
- Membranes
- Reservoir leakage
- Reservoirs
- Rigid pavements
- Seepage control
- Water seals
- Water stops

Flexible pavements 1302.4

- BT - Pavements
- RT - Asphalts
- California bearing ratio
- Concrete pavements
- Highway engineering
- Highways
- Rigid pavements
- Road design
- Roads
- Runways
- Seal coat

Flexible pipes 1311

- BT - Closed conduits
- Conduits
- Pipes
- RT - Flexible tubing
- Hose fittings
- Hoses
- Irrigation systems
- Pipe bends
- Pipe fittings

Flexible shafts 1309

- BT - Shafts (machinery)
- RT - Machine tools
- Power transmission (mechanical)

Flexible tubing 1311

- BT - Closed conduits
- Conduits
- Tubes
- RT - Compression fittings
- Fittings
- Flexible pipes
- Hose fittings
- Hoses
- Metals
- Plastic tubing
- Pressure tests
- Rigid tubing
- Rubber tubing
- Supports

Flexural strength 2012

- BT - Mechanical properties
- Strength
- RT - Beams (structural)
- Bending
- Bending moments
- Bending stress
- Columns
- Concrete properties
- Deflection
- Flexibility
- Physical properties
- Rigidity
- Stiffness
- Strength of materials
- Structural behavior
- Structural design

Flexure

- USE Flexibility

Flip buckets 1313.1

- UF - Buckets (flip)
- BT - Engineering structures
- Hydraulic structures
- RT - Closed conduit spillways
- Control structures
- Energy dissipation
- Energy dissipators
- Morning glory spillway
- Outlet works
- Scour
- Ski-jump spillways
- Spillways
- Stilling basins

Floatable streams

- USE Navigable waters

Floating 1407

- RT - Buoyancy
- Buoys
- Floating plants
- Floats
- Flotation
- Flotsam
- Hydrometry
- Plankton

Floating ice 0812

- BT - Ice
- RT - Frazil ice
- Icebergs
- Ice breakup
- Iced lakes
- Ice jams
- Ice-water interlaces
- Lake ice
- Melting
- Sea ice

Floating plants 0603.1

- BT - Aquatic life
- Aquatic plants
- Plants (botany)
- NT - Alligatorweed
- Floating weeds
- Pondweeds
- Sago pondweed
- Water hyacinth
- RT - Amphibious plants
- Aquatic algae
- Aquatic microorganisms
- Aquatic weeds
- Floating
- Fouling
- Plankton
- Plant groupings
- Submerged plants
- Submersed weeds

Floating weeds 0603.1

- BT - Aquatic life
- Aquatic plants
- Aquatic weeds
- Floating plants
- Plants (botany)
- Weeds
- NT - Alligatorweed
- Water hyacinth
- RT - Submersed weeds

Floats 1310

- RT - Buoys
- Cork
- Farm equipment
- Floating
- Liquid level gages
- Pontoons
- Water levels
- Water stage recorders
- Watertight

Float wells 1313.1

- RT - Automatic control
- Discharge (water)
- Hydraulic gates
- Liquid level gages
- Stilling wells
- Streamflow records
- Stream gaging station
- Water measurement
- Water stage recorders

Flocculants 1107

- BT - Chemicals
- RT - Coagulants
- Deflocculants
- Dispersants
- Flocculation
- Precipitation (chemistry)

Flocculation 0701

- RT - Coagulation
- Coalescence
- Colloids
- Concentration
- Desilting
- Dispersion
- Electrokinetic potential
- Flocculants
- Flocculation basins
- Flotation
- Precipitation (chemistry)
- Sedimentation
- Separation
- Sewage treatment
- Soil texture

Water treatment plants

Flocculation basins 1302.1

- RT - Flocculation
- Sedimentation tanks
- Settling basins

Flood control 1302.3

- UF - Flood prevention
- BT - Control
- RT - Abatement
- Channel improvements
- Channel protection
- Check dams
- Chutes
- Chute spillways
- Closed conduit spillways
- Cutoffs
- Dams
- Design flood
- Detention reservoirs
- Dikes
- Diversion
- Diversion structures
- Drainage systems
- Drawdown
- Erosion control
- Farm ponds
- Flash floods
- Flood damage
- Flood forecasting
- Flood hydrology
- Flood plains
- Floodproofing
- Flood protection
- Flood routing
- Floods
- Floodways
- Flow control
- Geologic control
- Hydraulic engineering
- Hydraulic structures
- Hydrology
- Hydrometeorology
- Land forming
- Large watersheds
- Levees
- Multiple purpose projects
- Multiple purpose reservoirs
- Multiple purpose structures
- Non-structural alternatives
- Peak runoff
- Project benefits
- Reasonable use
- Reservoir operation
- Reservoirs
- Reservoir surveys
- Retention dams
- River basin development
- River basins
- River forecasting
- River regulation
- Runoff
- Spillway capacity
- Terraces
- Terracing
- Warning systems
- Water distribution (applied)
- Water management (applied)
- Water policy
- Water resources management
- Watershed management
- Watersheds (basins)
- Weather modification

Flood damage 1302.3

- BT - Damages
- RT - Building codes
- Dam breaches
- Design flood
- Erosion
- Flash floods
- Flood control
- Flood estimate
- Flooding
- Flood plain insurance
- Flood protection
- Floods
- Flood waves
- Historic flood
- Maximum probable flood
- Overflow
- Overtopping
- Regional flood

Flood estimate 0808

- RT - Flood damage
- Flood forecasting
- Flood frequency

Flood hydrology

- Flood plain regulation
- Flood plain studies
- Flood routing
- Floods
- Flood stages
- Hydrology
- Precipitation (atmospheric)
- Rainfall
- Reservoir design
- Streamflow
- Watersheds (basins)

Flood forecasting 0808

- UF - Flood prediction
- BT - Forecasting
- RT - Annual floods
- Flood control
- Flood estimate
- Flood frequency
- Flood hydrographs
- Flood hydrology
- Flood plain regulation
- Flood plain studies
- Flood protection
- Flood routing
- Floods
- Hydrograph analysis
- Hydrology
- Hydrometeorology
- Large watersheds
- Maximum probable flood
- Peak runoff
- Precipitation (atmospheric)
- Probable maximum precipitation
- Rainfall
- Rainfall-runoff relationships
- Regional flood
- Reservoir design
- River basins
- River currents
- River forecasting
- River regulation
- Runoff
- Warning systems
- Watersheds (basins)
- Water supply forecasting

Flood frequency 0808

- RT - Annual floods
- Flood estimate
- Flood forecasting
- Flood hydrographs
- Flood hydrology
- Flood plain regulation
- Flood plain studies
- Rainfall
- Storm runoff
- Storms
- Streamflow
- Watersheds (basins)

Floodgates 1313.7

- BT - Gates
- Hydraulic gates
- RT - Concrete structures
- Control structures
- Diversion structures
- Drum gates
- Emergency closures
- Flood protection
- Hoisting machinery
- Radial gates
- Roller gates
- Roller-mounted gates
- Slide gates
- Sluice gates
- Sluices
- Stoney gates

Flood hydrographs 0808

- BT - Hydrographs
- Depth-area-duration analysis
- Design flood
- Design storm
- Drainage basins
- Flood forecasting
- Flood frequency
- Flood hydrology
- Flood peaks
- Flood plain regulation
- Flood plain studies
- Flood routing
- Floods
- Flood stages
- Flood waves
- Hydrology
- Peak discharge
- Peak runoff

FLOOD HYDROLOGY

Flood hydrographs (Con.)

- Rainfall
- Rainfall intensity
- Runoff
- Snowmelt
- Spillway design flood
- Time lag
- Time of concentration

Flood hydrology 0808

- BT -Hydrology
- RT Annual floods
- Flood control
- Flood estimate
- Flood forecasting
- Flood frequency
- Flood hydrographs
- Floods
- Flood stages
- Rainfall
- Storm runoff
- Storms
- Watersheds (basins)
- Water stage recorders

Flooding 0808.1

(includes only intentional inundation)

- UF Intentional inundation
- Water flooding (oil recovery)
- NT Flood irrigation
- RT Bedload movement
- Flood damage
- Floodwater
- Groundwater recharge
- Hydraulic mining
- Injection
- Marsh management
- On reservoirs
- Overflow
- Pest control
- Ponding
- Precooling
- Recharge
- Saturation
- Secondary recovery (oil)
- Soaking
- Submergence
- Surface irrigation
- Water spreading
- Weed control
- Wetlands
- Wetting
- Wildlife management

Flood irrigation 0203.1

- BT -Distribution systems
- Flooding
- Irrigation
- Surface irrigation
- RT Border irrigation
- Gravity irrigation
- Water spreading

Floodlights

- USE Lighting equipment

Flood peaks 0808

- RT Design flood
- Design flow
- Design storm
- Flood hydrographs
- Flood routing
- Floods
- Flood waves
- Hydrology
- Peak discharge
- Peak floods
- Peak runoff
- Rainfall intensity
- Runoff
- Snowmelt
- Spillway capacity
- Spillway design flood
- Time lag
- Time of concentration

Flood plain insurance 0503

- BT -Insurance
- RT Flood damage
- Flood plains
- Flood protection

Flood plain regulation 0504

- RT Flood estimate
- Flood forecasting
- Flood frequency
- Flood hydrographs
- Flood plains
- Flood plain studies
- Flood routing

- Storm runoff
- Watershed management
- Watersheds (basins)

Flood plains 0806

- BT -Regions
- RT Alluvial channels
- Alluvial deposits
- Alluvial streams
- Alluvium
- Deltas
- Deposition
- Flood control
- Flood plain insurance
- Flood plain regulation
- Flood plain zoning
- Flood protection
- Floods
- Floodways
- Fluvial hydraulics
- Fluvial morphology
- Geologic deposits
- Geomorphology
- Meanders
- River flow
- Rivers
- Sedimentation
- Sediment deposits
- Sediment production
- Sediments
- Stream meandering
- Streams
- Zoning

Flood plain studies 0808

- RT Flood estimate
- Flood forecasting
- Flood frequency
- Flood hydrographs
- Flood plain regulation
- Storm runoff
- Watershed management
- Watersheds (basins)

Flood plain zoning 1302.3

- BT -Regulations
- Zoning
- RT Beneficial use
- Building codes
- Flood plains
- Flood protection
- Flood routing
- Floodways
- Non-structural alternatives
- Overflow
- Overtopping
- Recreation facilities
- River basin development
- Water resources development
- Water zoning

Flood prediction

- USE Flood forecasting

Flood prevention

- USE Flood control

Floodproofing 1302.3

- RT Flood control
- Flood protection
- Warning systems

Flood protection 1302.3

- RT Annual floods
- Channel design
- Channel improvements
- Channel protection
- Dikes
- Dredging
- Flood control
- Flood damage
- Flood forecasting
- Floodgates
- Flood plain insurance
- Flood plains
- Flood plain zoning
- Floodproofing
- Flood routing
- Floods
- Floodways
- Levees
- Warning systems
- Water spreading

Flood routing 1302.3

- UF Lag methods
- Puls method
- BT -Routing
- Water management (applied)

- RT Annual floods
- Area capacity curves
- Channels
- Dam design
- Discharge (water)
- Flood control
- Flood estimate
- Flood forecasting
- Flood hydrographs
- Flood peaks
- Flood plain regulation
- Flood plain zoning
- Flood protection
- Floods
- Flood waves
- Floodways
- Hydrographs
- Hydrology
- Peak runoff
- Reservoir design
- Reservoirs
- Reservoir yield
- River currents
- River forecasting
- Runoff
- Water control
- Water resources management
- Water storage

Floods 0808

- UF Escape of water
- Negligent inundation
- NT Annual floods
- Design flood
- Flash floods
- Historic flood
- Maximum probable flood
- Peak floods
- Regional flood
- Sheet floods
- Spillway design flood
- Avalanches
- Avulsion
- Backwater
- Bank storage
- Blowouts
- Chute spillways
- Cloudbursts
- Dam breaches
- Dam failure
- Degradation (stream)
- Design flow
- Disasters
- Discharge (water)
- Drainage basins
- Flood control
- Flood damage
- Flood estimate
- Flood forecasting
- Flood hydrographs
- Flood hydrology
- Flood peaks
- Flood plains
- Flood protection
- Flood routing
- Floodwater
- Flood waves
- Floodways
- Flow duration
- Fluvial hydraulics
- Hydraulics
- Hydrographs
- Hydrologic budget
- Hydrology
- Hydrometeorology
- Overflow
- Overland flow
- Overtopping
- Peak discharge
- Peak runoff
- Precipitation (atmospheric)
- Precipitation excess
- Rain
- Rain water
- Rational formula
- River flow
- Running waters
- Runoff
- Sand boils
- Spilling
- Spillways
- Storm runoff
- Storms
- Streamflow
- Streamflow forecasting
- Streamflow regulation
- Streams
- Surface runoff
- Surface waters

- Water
- Water injury
- Watersheds (basins)

Flood stages 0808

- RT Flood estimate
- Flood hydrographs
- Flood hydrology
- Hydrology
- Storm runoff
- Watersheds (basins)

Flood warning

- USE Warning systems

Floodwater 1302.3

- BT -Water types
- RT Epidemics
- Flooding
- Floods
- Overflow
- Public health
- Runoff
- Sedimentation
- Sediment production
- Waste water

Flood waves 0808

- BT -Waves
- Waves (water)
- RT -Currents (water)
- Design flood
- Design storm
- Flood damage
- Flood hydrographs
- Flood peaks
- Flood routing
- Floods
- Freeboard
- Hydrology
- Peak discharge
- Rainfall
- Rainfall intensity
- Runoff
- Surges
- Time of concentration

Floodways 0808

- BT -Channels
- Waterways
- RT Bypasses
- Channel design
- Channel improvement
- Control structures
- Concrete structures
- Diversions structures
- Engineering structures
- Flood control
- Flood plains
- Flood plain zoning
- Flood protection
- Flood routing
- Floods
- Levees
- Shall's spillways
- Side channel spillways
- Ski-jump spillways
- Spilling
- Spillway capacity
- Spillway design flood
- Spillways
- Stream channels
- Wasteways
- Water control

Floods 1313.4

- RT Bridge decks
- Building codes
- Building design
- Buildings
- Slabs
- Structural design
- Tiles
- Transverse joints

Flora

- USE Plants (botany)

Florida 0806

- BT -Coastal plains
- Geographical regions
- States (geographical)

Flotation 1308

- BT -Separation
- NT Foote flotation
- Froth flotation
- RT -Beneficiation
- Buoyancy

THESAURUS OF TERMS

Flotation (Con.)

Coagulation
Floating
Flocculation
Foaming
Frothing
Sedimentation
Sewage treatment plants
Submergence
Surface tension
Uplift pressure
Water treatment

Flotsam 0803

BT - Aquatic drift
RT Buoyancy
Floating
Fouling
Jetsam
Law of the sea
Littoral materials
Littoral zone
Navigation
Tripton

Flow 2004

BT - Movement
NT Average flow
Axial flow
Base flow
Capillary action
Channel flow
Closed conduit flow
Converging flow
Critical flow
Density-flow
Design flow
Flow around objects
Fluid flow
Gradually varied flow
Groundwater flow
Groundwater movement
Incompressible flow
Laminar flow
Low flow
Natural flow
Non-Newtonian flow
Non-uniform flow
Open channel flow
Orifice flow
Overland flow
Percolation
Pipe flow
Porous media flow
Potential flow
Pulsating flow
Regulated flow
Return flow
River currents
River flow
Rotational flow
Saturated flow
Sheet flow
Soil water movement
Steady flow
Stratified flow
Streamflow
Subcritical flow
Subsonic flow
Subsurface flow
Supercritical flow
Supersonic flow
Transient flow
Transition flow
Turbidity currents
Turbulent flow
Two-phase flow
Uniform flow
Unsaturated flow
Unsteady flow
Viscous flow
RT Air demand
Aquifers
Baffles
Capillarity
Cavitation
Conduits
Continuity equation
Currents (water)
Darcys law
Density
Diffusion
Discharge (water)
Dispersion
Energy equation
Flow augmentation
Flow characteristics
Flow control
Flow duration
Flow measurement

-Flowmeters
Flow nets
Flow profiles
Flow rates
Flow resistance
Flow separation
Fluid friction
Fluid mechanics
Fluids
Fluorescein
Free surfaces
Friction
Hazen-Williams equation
Head losses
Headworks
Hydraulic design
Hydraulic properties
Hydraulic radius
Hydraulics
Hydrodynamics
Hydrographs
Hydrology
Hydrometry
Inflow
Interfaces
Jets
Kinetics
Kutter formula
Leakage
Momentum equation
Negative pressure
Nozzles
Orifices
Permeability
Permeability coefficients
Pesticide kinetics
Piezometry
Pipes
Porosity
Porous media
Pumping
Rational formula
Regime
Reynolds number
Rheology
Routing
Running waters
Runoff
Salt velocity method
Sediment transport
Seepage
Shear
Sluices
Stemflow
Stilling basins
Subsurface drainage
Thiem test
Tractive forces
Transients
Turbulence
Underseepage
Valves
Velocity distribution
Viscosity
Vortices
Water
Water balance
Water distribution (applied)
Waterfalls

Flow around objects 2004

BT - Flow
-Movement
RT Bridge piers
Eddies
Flow patterns
Flow rates
Hydraulic jump
Hydraulics
Hydraulic structures
Non-uniform flow
Resistance
Stokes law
Wakes
Wave generation

Flow augmentation 0808

UF Augmentation, flow
BT - Flow control
-Regulation
-Reregulation
NT Low-flow augmentation
RT - Discharge (water)
-Flow
Flow measurement
Pollution abatement
Pollution control
Pumped storage
Streamflow

Streamflow depletion
Waste dilution
Water levels
Water management (applied)
Water quality
Water quality control

Flow characteristics 2004

RT - Flow
Flow duration curves
Flow measurement
Flow rates
Hydraulics
Slots

Flow charts 3501

UF Flow diagrams
BT - Charts
RT Arrow diagrams
Bar graphs
Computer programming
Critical path method
PERT
Systems analysis

Flow control 2004

BT - Control
NT - Flow augmentation
Low-flow augmentation
RT - Artificial recharge
Automatic control
Backwater profiles
Baffle piers
Baffle plates
Contours
Dams
Deriaz pump turbine
Discharge (water)
Diversion dams
Diversion tunnels
Diversion works
Electronic equipment
Flood control
Flow
Flow rates
Gates
Gradients
Guide walls
Headwalls
Headworks
Hydraulic gates
Hydraulic valves
Locks (waterways)
Orifices
Plug valves
Pneumatic systems
Process control
Sector gates
Slopes
Spillway crests
Spillway gates
Spillways
Terracing
Weirs
Waste dilution
Water control
Water management (applied)
Water resources management
Water spreading
Water surface profiles
Weed control
Weirs
Wicket gates

Flow deflectors 2004

BT - Deflectors
RT Baffle plates
Diffusers
Diversion works
Guide walls
Shields
Stators
Vaness

Flow diagrams

USE Flow charts

Flow distribution 2004

RT Boundary shear
Branches
Cavitation
Flow patterns
Fluid flow
Laminar flow
Stay rings
Stay vanes
Turbulent flow

FLOW MEASUREMENT

Flow duration 0808

RT Depth-area-duration analysis
Discharge (water)
Duration curves
Floods
Flow
Flow duration curves
Fluid mechanics
Hydrologic data
Mass curves
River flow
Runoff
Runoff forecasting
Streamflow
Time

Flow duration curves 0808

BT - Curves
Geometric shapes
RT - Discharge (water)
Discharge coefficients
Duration curves
Flow characteristics
Flow duration
Flow rates
Frequency
Frequency analysis
Frequency curves
Hydrologic data
Mass curves
Runoff
Streamflow
Time

Flowering 0603.1

RT Phenology
Plant growth regulators
Plant growth substances
Plant morphology
Plantis (botany)
Plant issues
Pollen
Reproduction (biology)
Sexual maturity
Systematics

Flow forecasting

USE Runoff forecasting

Flow measurement 1402

BT - Measurement
RT - Anemometers
Broad-crested weirs
Cipolletti weirs
Current meters
Discharge (water)
Flow
Flow augmentation
Flow characteristics
Flowmeters
Flow nets
Flow profiles
Flow rates
Fluid flow
Gages
Gaging stations
Gates
Hot film anemometers
Hot wire anemometers
Kutter formula
Meters
Metergates
Metering
Mixing length
Orifice meters
Orifices
Parshall flumes
Permeameters
Pitot spheres
Pitot tubes
Propeller meters
Pumping tests (weirs)
Pump intakes
Rectangular weirs
Sharp crested weirs
Stilling wells
Streamflow regulation
Stream gaging station
Submerged orifices
Submerged weirs
Turbine efficiency
Vee-notched weirs
Velocity
Velocity distribution
Velocity meters
Venturi flumes
Venturi meters
Water measurement
Water metering
Water meters

FLOWMETERS

Flow measurement (Con.)

- Water tunnels (testing)
- Weirs
- Well yield

Flowmeters 146.2

- BT—Equipment
- Instrumentation
- Measuring instruments
- Meters
- Test equipment
- Velocity meters
- NT—Orifice meters
- Venturi meters
- Water meters
- RT—Anemometers
- Discharge (water)
- Discharge measurement
- Flow
- Flow measurement
- Flow rates
- Fluid flow
- Gages
- Orifices
- Permeameters
- Pitot spheres
- Pitot tubes
- Streamflow regulation
- Stream gages
- Stream gaging station
- Velocity
- Venturi flumes
- Water metering
- Weirs

Flow nets 0808.1

- UF—Hydraulic flow nets
- RT—Aquicludes
- Aquifers
- Boundaries (surfaces)
- Canal seepage
- Distribution patterns
- Drainage
- Earth dams
- Flow
- Flow measurement
- Flow rates
- Groundwater flow
- Groundwater movement
- Hydraulic gradient
- Hydraulics
- Laminar flow
- Leakage
- Model studies
- Phreatic lines
- Potential flow
- Seepage
- Seepage losses
- Underseepage

Flow patterns 2004

- RT—Channel flow
- Closed conduit flow
- Critical flow
- Entrances (fluid flow)
- Flow around objects
- Flow distribution
- Fluid flow
- Gradually varied flow
- Groundwater movement
- Laminar flow
- Low flow
- Non-uniform flow
- Open channel flow
- Orifice flow
- Overland flow
- Percolation
- Pipe flow
- River flow
- Rotational flow
- Saturated flow
- Sheet flow
- Soil water movement
- Steady flow
- Stratified flow
- Streamflow
- Subsurface flow
- Supercritical flow
- Transition flow
- Turbulent flow
- Two-part aquifers
- Uniform flow
- Unsteady flow
- Viscous flow

Flow profiles 0808

- BT—Profiles
- RT—Backwater
- Backwater profiles

- Flow
- Flow measurement
- Flow rates
- Hydraulics
- Regime
- Streamflow regulation
- Streams
- Tides
- Water distribution (applied)

Flow rates 2004

- BT—Rates
- RT—Discharge (water)
- Flow
- Flow around objects
- Flow characteristics
- Flow control
- Flow duration curves
- Flow measurement
- Flowmeters
- Flow nets
- Flow profiles
- Flow resistance
- Flow separation
- Infiltration capacity
- Infiltration rate
- Moisture content
- Newtonian flow
- Stream gages
- Translatory waves

Flow resistance 2004

- BT—Resistance
- RT—Boundaries (surfaces)
- Branches
- Energy losses
- Flow
- Flow rates
- Fluid friction
- Hydraulic design
- Hydraulics
- Kutter formula
- Pressure drag
- Roughness (hydraulic)
- Shear drag
- Test canals
- Viscosity
- Water tunnels (conveyance)

Flow separation 2004

- UF—Separation (flow)
- RT—Boundaries (surfaces)
- Cavitation
- Flow
- Flow rates

Fluctuation 1407

- RT—Diurnal
- Diurnal variations
- Equilibrium
- Movement
- Nocturnal
- Oscillations
- Rates
- Seasonal
- Stability
- Timing
- Transitory waves
- Variability
- Water level fluctuations
- Water levels
- Waves
- Waves (water)

Flues

- USE Chimneys

Fluid dynamics 2004

- BT—Dynamics
- Engineering mechanics
- Fluid mechanics
- Physics
- NT—Aerodynamics
- Hydrodynamics
- RT—Cavitation index
- Compressible flow
- Continuity equation
- Convection
- Fluid flow
- Hydraulics
- Hydrodynamic pressure
- Kinetics
- Mechanics
- Steady flow
- Subsonic flow
- Supersonic flow
- Transient flow
- Turbulence
- Turbulent flow

- Uniform flow
- Unsteady flow
- Water hammer
- Wind tunnels

Fluid filters 1311

- UF—Filters (fluid)
- BT—Filters
- NT—Air filters
- Trickling filters
- Well filters
- RT—Diatomaceous earth
- Diatoms
- Drainage
- Drainage systems
- Drains
- Filter stones
- Filter tests
- Filtration
- Membranes
- Porous media
- Sands
- Screens
- Transition zones
- Undergrains
- Well screens

Fluid flow 2004

- BT—Flow
- Movement
- NT—Base flow
- Compressible flow
- Critical flow
- Groundwater flow
- Incompressible flow
- Laminar flow
- Low flow
- Natural flow
- Newtonian flow
- Non-Newtonian flow
- Non-uniform flow
- Open channel flow
- Orifice flow
- Overland flow
- Pipe flow
- Potential flow
- Pulsating flow
- Regulated flow
- Return flow
- River flow
- Steady flow
- Streamflow
- Subcritical flow
- Subsonic flow
- Supercritical flow
- Supersonic flow
- Transient flow
- Transition flow
- Turbidity currents
- Turbulent flow
- Two-phase flow
- Uniform flow
- Unsteady flow
- Viscous flow
- RT—Aerodynamics
- Axial flow
- Baffles
- Boundary conditions
- Boundary layer
- Canals
- Capacity reduction
- Cavitation
- Cavitation resistance
- Channel flow
- Conductivity
- Critical slopes
- Discharge (water)
- Drawdown curves
- Eddies
- Flow distribution
- Flow measurement
- Flowmeters
- Flow patterns
- Fluid dynamics
- Fluid friction
- Fluid mechanics
- Fluorescein
- Fluvial hydraulics
- Friction coefficient (hydraulic)
- Froude number
- Head (fluid mechanics)
- Head losses
- Heat transmission
- High head
- Hot film anemometers
- Hot wire anemometers
- Hydraulics
- Hydrodynamic pressure
- Hydrodynamics

- Jet diffusion
- Jets
- Kutter formula
- Laminar boundary layers
- Losses
- Mannings equation
- Miners inch
- Outlet works
- Permissible velocity
- Pipes
- Pitot pressures
- Pitot spheres
- Pumping plants
- Reynolds number
- River currents
- Rotational flow
- Skin friction
- Slots
- Spillways
- Surges
- Turbine efficiency
- Turbulence
- Velocity
- Velocity head
- Velocity meters
- Viscosity
- Vortices

Fluid friction 2004

- BT—Friction
- Mechanical properties
- RT—Boundary shear
- Coefficients
- Flow
- Flow resistance
- Fluid flow
- Fluid mechanics
- Friction coefficient (hydraulic)
- Head losses
- Hydraulics
- Kutter formula
- Laminar flow
- Losses
- Lubricants
- Orifice flow
- Pipe flow
- Positive friction
- Resistance coefficients
- Roughness (hydraulic)
- Roughness coefficient
- Skin friction
- Steady flow
- Transient flow
- Turbulent flow
- Uniform flow
- Unsteady flow
- Viscosity
- Wall friction

Fluidity

- USE Viscosity

Fluid mechanics 2004

- BT—Engineering mechanics
- Mechanics
- NT—Aerodynamics
- Fluid dynamics
- Fluvial hydraulics
- Hydraulics
- Hydrodynamics
- Hydrostatics
- Tidal hydraulics
- Tunnel hydraulics
- RT—Air demand
- Baffle piers
- Baffle plates
- Boundary conditions
- Boundary shear
- Bulkhead gates
- Coaster gates
- Compressible flow
- Critical depth
- Critical slopes
- Critical velocity
- Dynamics
- Fixed wheel gates
- Flow
- Flow duration
- Fluid flow
- Fluid friction
- Fluids
- Friction coefficient (hydraulic)
- High pressure gates
- Hydraulic design
- Hydraulic gates
- Hydraulic laboratories
- Hydraulic structures
- Hydrodynamic pressure
- Hydrostatic pressure

THESAURUS OF TERMS

FOODS

Fluid mechanics (Con.)

Laminar boundary layers
Radial gates
Roller gates
Salt velocity method
Slide gates
Sluice gates
Spillway gates
-Traction forces
Tunnel hydraulics
Velocity distribution
Velocity head
Viscosity
Wall friction

Fluids 2004

NT - Air
- Gases
- Groundwater
- Oils
- Vapors
- Water
- Water vapor
RT - Flow
- Fluid mechanics
Hydraulic laboratories
- Hydraulics
- Hydrodynamics
Liquids
Newtonian flow
Rheology
Solids
- Solvents
Viscosity

Flumes 1313.1

BT - Channels
- Conduits
- Conveyance structures
- Engineering structures
- Hydraulic structures
- Open channels
- Waterways
NT Partial flumes
Trapezoidal flumes
- Venturi flumes
RT Aqueducts
Bypasses
- Canals
Cavitation
- Concrete structures
Crossings
Diversion structures
Headwalls
Hydraulic conduits
Irrigation engineering
Rectangular conduits
- Sediment transport
Semicircular sections
Sluices
Water conveyance
- Water measurement
- Weirs

Fluorescein 0703

BT - Chemical compounds
- Chemicals
- Dyes
- Organic compounds
RT Dye releases
- Flow
- Fluid flow
- Fluorescence
Groundwater flow
Ponding tests
Pump tests
- Tracers

Fluorescence 2006

BT - Luminescence
NT X-ray fluorescence
RT - Analytical techniques
- Biological properties
Bioluminescence
Dye releases
- Dyes
Fluorescein
Fluorometry
Fluoroscopes
Mineral analysis
- Pigments
- Spectroscopy
- Tracers

Fluoridation 1302.1

RT Fluorides
Fluorine
Public health
- Water purification
- Water treatment

Fluorides 0702

BT - Chemical compounds
- Fluorine compounds
- Halides
- Inorganic compounds
RT - Air pollution
Fluoridation
Public health

Fluorine 0702

BT - Chemical elements
- Halogens
RT Bromine
Fluoridation
Oxidizers

Fluorine compounds 0702 0703

BT - Chemical compounds
NT Fluorides
RT - Chlorine compounds
- Halides

Fluorometry 1402

BT - Analysis
- Analytical techniques
- Chemical analysis
RT Colorimetry
- Fluorescence
Fluoroscopes
- Optical properties
- Photometry

Fluoroscopes 1402

RT - Fluorescence
Fluorometry
- Nondestructive tests
- Radiographic inspection
- Radiography

Fluvial deposits

USE Alluvial deposits

Fluvial fans

USE Alluvial deposits

Fluvial hydraulics 0808

BT - Fluid mechanics
- Hydraulics
RT Flood plains
- Floods
- Fluid flow
- Regulation
- River flow
River forecasting
- River regulation
River training
- Runoff
- Stream flow

Fluvial morphology 0808

BT - Morphology
NT Stream drainage patterns
RT Alluvial streams
Deltas
- Erosion
Estuaries
Flood plains
Geomorphology
Lacustrine deposits
- Land forms
Meanders
Potamology
- Rivers
River systems
- Streams
Tributaries

Fluvial soils

USE Alluvium

Fly ash 1107

UF Ash (fly)
RT Byproducts
- Concrete additives
- Concrete
Lightweight aggregates
Mass concrete
Particles
Pozzolans
Smoke

Fly fishing 0511

BT - Fishing
RT Bait fishing
Cold-water fishing
Fishing gear
- Freshwater fish
- Pan fish
Sport fishing

Stream fisheries

Foam 1107

BT - Porous materials
RT Air bubbles
- Bubbles
Foam fractionation
Foaming
Foam rubber
Foam separation
Froth flotation
Frothing

Foam fractionation 0701

BT - Separation techniques
RT Detergents
Foam
Foaming
Foam separation
- Sewage treatment
- Surfactants
- Treatment
Waste water treatment
Water pollution treatment
- Water purification

Foaming 0701 1308

RT Aerosols
- Beneficiation
- Bubbles
Detergents
Drilling fluids
- Flotation
Foam
Foam fractionation
Foam separation
Frothing
- Separation

Foam rubber 1110

BT - Building materials
- Elastomers
- Porous materials
- Rubber

RT Foam
Polyurethane resins

Foam separation 0701

BT - Separation techniques
RT Air bubbles
Detergents
Foam
Foam fractionation
Foaming
- Surfactants
Tertiary treatment
- Waste treatment

Foehn

USE Chinook

Fog 0402

BT - Clouds
NT Supercooled fog
RT Aerosols
Ceilings (meteorology)
Cirrus clouds
- Condensation
Cumulus clouds
Fog dispersion
Haze
Mist
- Mixtures
Particles
- Precipitation (atmospheric)
Smog
Stratus clouds
Visibility

Fog-curing 1303.1

BT - Curing
RT - Concrete
- Concrete technology

Fog dispersion 0402.1

BT - Weather modification
RT - Fog

Folds (geology) 0807

BT - Geologic structures
RT Faults (geology)
- Fissures (geology)
Fractures (geology)
Joints (geology)
Rock properties
- Rocks
Structural geology

Follar 0603.1

RT Canopy
Leaching
Leaves
Stemflow

Follar application 0606

RT - Application methods
Sprays

Foliation 0807

BT - Geologic structures
RT Cleavage
- Rocks
Schist
Texture

Food abundance 0608

RT - Feeds
Food and cover crops
Food chains
Food habits
- Productivity
Standing crop

Food and cover crops 0204

UF Duck foods
BT - Cover crops
- Crops
- Plants (botany)
RT - Biology
- Feeds
Fish and wildlife
Food abundance
Food habits
Habitat improvement
- Habitats
Marsh management
Nesting cover
Plant groupings
Shore-line cover
Widgeon grass
- Wildlife management
Wild rice

Food chains 0608

RT - Aquatic populations
Balance of nature
- Biological communities
- Biology
Carnivores
- Cycles
Cycling nutrients
- Ecology
Ecosystems
- Energy budget
Fish food organisms
Food abundance
Food pyramids
Food webs
- Herbivores
Omnivores
- Pesticides
- Population
Primary productivity
- Productivity
Radioactivity effects
Secondary productivity
Trophic level
- Wildlife

Food habits 0616

RT - Animal behavior
Browse utilization
- Digestion
Fish behavior
Food abundance
Food and cover crops
Forage palatability
Insect behavior
- Nutrients
Secondary productivity

Food pyramids 0606

RT Balance of nature
- Ecosystems
Fish food organisms
Food chains
Food webs
- Productivity

Foods 0608

RT Algal nutrients
Canneries
- Diets
- Feeds
- Nutrients
- Organoleptic properties
Sanitation

FOOD WEBS

Foods (Con.)

-Vitamins

Food webs 0606

RT -Biology
-Cycles
-Ecology
-Ecosystems
Fish food organisms
Food chains
Food pyramids
-Productivity
Secondary productivity

Footings 1313.6

BT -Foundations
NT Auger-type footings
Belled footings
Grillage footings
Pile footings
Pressed plate footings
Spread footings
Uplift footings
RT Aluminum towers
Anchored towers
-Anchors
-Beams (structural)
Bearing pressure
Belled anchors
Bell piers
Bridge foundations
Bridge piers
Building codes
Caissons
Columns
Differential settlement
Flexible foundations
Foundation bearing tests
Foundation failures
Foundation investigations
Foundation modulus
Influence charts
-Piers
-Piles (foundations)
Ponding tests
-Pull-out tests
-Settlement (structural)
Slabs
Soil mechanics
Spread foundations
-Structural design
-Structural stability
-Supports
Transmission towers
Underwater foundations
-Walls

Forage fish 0603.2

BT -Animals
-Aquatic animals
-Aquatic life
-Fish
-Herbivores
-Wildlife

Forage grasses 0204 0603.1

BT -Agronomic crops
-Crops
-Field crops
-Forages
-Grasses
-Monocots
-Plants (botany)
NT Bahiagrass
Bromegrass
Coastal bermudagrass
Dallisgrass
Fescues
Grama grasses
Orchardgrass
Perennial ryegrass
-Range grasses
Sudangrass
Switchgrass
Wheatgrasses
RT Bermudagrass
-Bluegrasses
Forage mixtures
Kentucky bluegrass
Pasture
Plant groupings
Sorghum

Forage legumes 0204 0603.1

BT -Agronomic crops
-Crops
-Dicots
-Field crops
-Forages
-Horticultural crops

-Legumes
-Plants (botany)
NT Alfalfa
Alsike clover
Crimson clover
Ladino clover
Sud clover
RT -Clovers
Forage mixtures
Lespedeza
-Oilseed crops
Plant groupings
Soybeans
Vetch
White clover

Forage mixtures 0204 0603.1

BT -Agronomic crops
-Crops
-Field crops
-Forages
-Plants (botany)
RT -Dicots
-Forage grasses
-Forage legumes
-Grasses
-Legumes
-Monocots
Plant groupings

Forage palatability 0205

UF Palatability
RT -Biological properties
-Cutting management
-Environmental effects
-Feeds
Food habits
-Forages
-Growth stages
-Livestock
Odor
-Organoleptic properties
Taste

Forages 0204 0603.1

BT -Agronomic crops
-Crops
-Field crops
-Plants (botany)
NT Alfalfa
Alsike clover
Bahiagrass
Bromegrass
Coastal bermudagrass
Crimson clover
Dallisgrass
Fescues
-Forage grasses
-Forage legumes
Forage mixtures
Grama grasses
Ladino clover
Orchardgrass
Perennial ryegrass
-Range grasses
Red clover
Sudangrass
Switchgrass
Wheatgrasses
RT Carrying capacity
-Clovers
-Cutting management
-Feeds
Forage palatability
-Grazing
Hay
Pasture
Plant groupings
Ranges
-Soil management

Forage sorghum

USE Sorghum

Forced drying 1407

BT -Drying
RT Dehydration
Freeze drying
Heat flow
Vacuum drying

Forced vibration 2011

BT -Vibration
RT Natural frequency

Forces (centrifugal)

USE Centrifugal force

Forces (centripetal)

USE Centripetal force

Forces (expansive)

USE Expansive forces

Forces (external)

USE External forces

Forces (internal)

USE Internal forces

Forces (lateral)

USE Lateral forces

Forces (shear)

USE Shear forces

Forces (tractive)

USE Tractive forces

Forebay dams 1313.1

BT -Dams
-Hydraulic structures
RT Afterbays
-Concrete dams
-Drawdown
-Earth dams
Hydraulic fill dams
Hydroelectric power
-Powerplants
Pumping plants

Forebays 1302.6

BT -Bodies of water
-Impoundments
-Reservoirs
-Standing waters
-Surface waters
RT Detention reservoirs
Hydroelectric power
-Intakes
-Intake structures
Penstocks
-Ponds
Pumped storage

Forecasting 1407

UF Predicting
Prediction
Projections
NT Economic prediction
Flood forecasting
River forecasting
Runoff forecasting
Streamflow forecasting
-Water supply forecasting
Weather forecasting
RT Correlation
Curve fitting
Estimating
-Evaluation
-Feasibility
Frequency curves
Future planning (projected)
Low-flow augmentation
-Management
Management analysis
Management planning
-Measurement
-Networks
Non-structural alternatives
-Operations research
-Planning
Probability
Probability theory
Production planning
-Programs
Project life
Project planning
Reliability
Risks
-Routing
Safe yield
Sales
-Sampling
Scheduling
-Statistical analysis
Systems engineering
Time series analysis
Timing
-Warning systems
Water supply

Foreign activities 1407

UF Activities (foreign)
RT -Construction
-Design
Developing countries

Engineering services
Federal agencies
Foreign construction
Foreign countries
Foreign design practices
Foreign policies
-Planning
Project planning
-Training

Foreign agreements

USE International compacts

Foreign compacts

USE International compacts

Foreign construction 1315

BT -Construction
RT Developing countries
Foreign activities
Foreign design practices
Foreign projects
Foreign research
Foreign tests

Foreign countries 0806

BT -Geographical regions
RT Foreign activities
Foreign policies
Foreign products
-Governments
International compacts
International hydrological decade
Worldwide

Foreign design practices 1407

UF Design practices (foreign)
BT -Design
RT Foreign activities
Foreign construction
Foreign projects
Foreign research
Foreign tests

Foreign policies 0504

UF International policies
BT -Policies
RT Developing countries
Foreign activities
Foreign countries
Foreign projects
Political science

Foreign products 1107

RT -Contracts
Foreign countries
Foreign tests
-Foreign trade
International compacts
Manufacturing
-Production
-Supply
Supply contracts

Foreign projects 1314

BT -Projects
RT Developing countries
Foreign construction
Foreign design practices
Foreign policies
Foreign research
Foreign tests

Foreign research 1406

BT -Research and development
RT Basic research
Foreign construction
Foreign design practices
Foreign projects
Research facilities
-Translating
Translations

Foreign tests 1402

RT -Analytical techniques
-Appraisals
-Assay
-Evaluation
Foreign construction
Foreign design practices
Foreign products
Foreign projects
-Foreign trade
Foundation bearing tests
Freeze-thaw tests
-Hydraulic models
-Inspection
Laboratory tests
-Materials tests

THESAURUS OF WATER RESOURCES TERMS

THESAURUS OF TERMS

Foreign tests (Con.)

- Measurement
- Model studies
- Nondestructive tests
- Prototype tests
- Quality control
- Sampling
- Soil analysis
- Soil tests
- Strength of materials
- Test procedures

Foreign trade 0503

- NT Export
- Import
- RT Foreign products
- Foreign tests
- International compacts
- International law
- International waters
- Licenses
- Permits
- Tariff
- Treaties

Foreign treaties

- USE International compacts

Foreign waters 0504

- RT International compacts
- International law
- International waters
- Treaties

Foreshore

- USE Inter tidal areas

Forestation

- USE Forestry

Forest fires 0206 1312

- RT Burning
- Camping
- Damages
- Disasters
- Ecology
- Forest management
- Forests
- Hazards

Forest management 0206

- UF Forest practices
- Silviculture
- Timber management
- BT -Management
- RT Browse utilization
- Burning
- Carrying capacity
- Clear-cutting
- Conservation
- Erosion control
- Fertilization
- Forest fires
- Forestry
- Forest soils
- Lumbering
- Planting management
- Range management
- Ranges
- Recreation
- Reforestation
- Resource conservation
- Sediment control
- Seeding
- Snow management
- Soil conservation
- Vegetation regrowth
- Water conservation
- Watershed management
- Water yield
- Water yield improvement
- Wildlife conservation

Forest practices

- USE Forest management

Forestry 0206

- UF Forestation
- RT Agriculture
- Coniferous forests
- Coniferous trees
- Deciduous forests
- Deciduous trees
- Experimental farms
- Forest management
- Forests
- Forest soils
- Lumbering
- Plant breeding
- Plant pathology

- Plants (botany)
- Rhizosphere
- Snow management
- Trees
- Watersheds (basins)

Forests 0206

- NT Coniferous forests
- Deciduous forests
- Mixed forests
- Mountain forests
- National forests
- Rain forests
- RT Canopy
- Dendrochronology
- Forest fires
- Forestry
- Forest soils
- Hardwood
- Humid climates
- Industrial crops
- Land resources
- Land use
- Lumbering
- Natural resources
- Parks
- Pedallers
- Pulp and paper industry
- Snow management
- Softwood
- Succession
- Terrestrial habitats
- Trees
- Vegetal cover
- Vegetation

Forest soils 0807

- BT -Soil types
- RT Forest management
- Forestry
- Forests
- Gray-brown podzolic soils
- Humus
- Pedallers
- Rhizosphere
- Soil management

Fork lift

- USE Handling equipment

Form

- USE Shape

Formal logic 0506

- (for logic of mathematics, use mathematical logic)
- UF Logic (formal)
- NT -Mathematical logic
- Methodology
- Reasoning
- RT -Analysis
- Decision making
- Procedures

Formulas 1407

- NT Kutter formula
- Pile-driving formulas
- Rational formula
- RT Cavitation index
- Equations

Formulation 0701

- RT Aerosols
- Carriers
- Compatibility
- Dust
- Granules
- Liquids
- Mixing
- Mixtures
- Pesticide kinetics
- Selectivity
- Solvents
- Stability
- Surfactants

Formwork (construction) 1315

- NT Slip forms
- RT Cast-in-place structures
- Concrete construction
- Concrete placing
- Shoring
- Tie rods

Fossil fuels 2104

- NT -Coal
- Fuel oil
- Lignite
- RT -Bituminous materials

- Natural gas
- Oil shale
- Peat
- Peat bog

Fossil pollen

- USE Palynology

Fossils 0807

- RT Archaeology
- Geology
- Paleohydrology
- Paleolimnology
- Paleontology
- Peat bog
- Sedimentary rocks

Fouling 1407

- RT -Aquatic algae
- Aquatic plants
- Crigging
- Contamination
- Damages
- Degradation
- Floating plants
- Foulsam
- Nuisance algae
- Retarding
- Sediments
- Vegetation effects
- Water pollution effects

Foundation bearing tests 1313.6

- BT -Field tests
- In situ tests
- Tests
- RT -Bearing capacity
- Bearing pressure
- Bearing strength
- Bearing values
- Differential settlement
- Evaluation
- Flexible foundations
- Footings
- Foreign tests
- Foundation investigations
- Foundations
- Penetration tests
- Plate load tests
- Rock competency
- Rock foundations
- Soil investigations
- Test results

Foundation failure 1313.6

- BT -Failure
- RT -Bearing capacity
- Bearing strength
- Damages
- Dam breaches
- Dam failure
- Dam foundations
- Differential settlement
- Disasters
- Displacements
- Failure (mechanics)
- Footings
- Foundations
- Piping (erosion)
- Quick clays
- Rock competency

Foundation grouting

- USE Grouting

Foundation investigations 1313.6

- BT -Investigations
- RT Auger borings
- Borehole cameras
- Boreholes
- Bridge foundations
- Calyx drills
- Dam foundations
- Drill holes
- Drilling
- Engineering geology
- Exploration
- Field investigations
- Field tests
- Footings
- Foundation bearing tests
- Foundations
- Geologic investigations
- Geophysical prospecting
- Hand augers
- Penetration tests
- Piston samplers
- Preliminary investigations
- Rock foundations

FOUNDATIONS

- Seismic investigations
- Soil investigations
- Subsurface investigations
- Subsurface mapping
- Test holes
- Test pits
- Trenches
- Undisturbed samples
- Vane shear tests
- Visual classifications

Foundation modulus 1313.6

- RT Deflection
- Deformation
- Footings
- Foundations
- Plates
- Pressure
- Rock foundations
- Settlement (structural)
- Stress-strain curves

Foundation rocks 0807

- BT -In situ rock
- Rocks
- RT Bedrock
- Geologic formations
- Geology
- Rock competency
- Rock foundations
- Rock properties
- Stratigraphy
- Structural geology

Foundations 1313.6

- NT Auger-type footings
- Belled footings
- Bridge foundations
- Dam foundations
- Flexible foundations
- Footings
- Grillage footings
- Pad footings
- Pile foundations
- Pressed plate footings
- Rigid foundations
- Rock foundations
- Spread foundations
- Underwater foundations
- Uplift footings
- RT -Anchors
- Backfills
- Batter piles
- Beams (structural)
- Bearing capacity
- Bearing piles
- Bearing pressure
- Bearing values
- Bedrock
- Belled anchors
- Bell piers
- Blanket grouting
- Bored piles
- Bridge piers
- Building cranes
- Buildings
- Caissons
- Columns
- Concrete piles
- Construction
- Cutoffs
- Cutoff trenches
- Cutoff walls
- Fillms
- Differential displacements
- Differential settlement
- Excavation
- Foundation bearing tests
- Foundation failure
- Foundation investigations
- Foundation modulus
- Grouting
- Hydraulic structures
- Influence charts
- Jacking
- Jacks (mechanical)
- Overbreak
- Overconsolidation
- Overexcavation
- Permafrost
- Piers
- Pile groups
- Piles (foundations)
- Preloading
- Prepacked concrete
- Rock mechanics
- Sand boils
- Seepage control
- Settlement (structural)

FOURIER ANALYSIS

Foundations (Con.)

Shoring
Slabs
Soil mechanics
Sonic pile driving
-Stability
Steel piles
-Structural design
-Structural members
-Structural stability
Subbase
Subgrade
Subsoil
-Supports
Vibratory compaction
Vibratory pile driving
-Walls
Wooden piles

Fourier analysis 1201

UF Harmonic analysis
BT -Analysis
-Mathematical analysis
-Mathematical studies
-Mathematics
RT Boundary values
-Calculus
-Differential equations
Information theory
Integration (mathematics)
Series (mathematics)
Waveforms

Fractionation

USE Distillation

Fractures 1407

NT Brittle fractures
PT -Brittle fracture theory
Cleavage
Cracking
-Cracks
Crazing
-Damages
Defects
-Deformation
-Failure
-Failure (mechanics)
Failure surfaces
Faults (geology)
Fissures
-Fissures (geology)
Fragmentation
Griffith theory
Joints (geology)
Microstructure
Rupture modulus
Spalling
Weathering

Fractures (geology) 0807

RT Cleavage
-Cracks
Faults (geology)
-Fissures (geology)
Fold (geology)
Joints (geology)
Ripping
Structural geology
Tunneling
Unlined tunnels
-Water loss

Fragaria

USE Strawberries

Fragmentation 1407

RT Cleavage
Cracking
Crushing
-Fractures
Fragmented materials
Grinding
Rock breakage
Spalling
Weathering

Fragmented materials 1107

RT -Aggregates
Breccia
Crushed stone
Detrital soils
Fragmentation
-Granular materials
Talus

Frames 13135

NT Continuous frames
Rigid frames
Space frames

RT -Beams (structural)
Bents (structural)
-Bracing
Columns
Compression members
Fixed structures
Gusset plates
Housings
Shoring
-Structural analysis
-Structural design
-Structural members
Struts
-Supports
-Trusses

Francis turbines 1307.1

BT -Hydraulic machinery
-Hydraulic turbines
-Reaction turbines
-Turbines
RT Bulb turbines
High head
Kaplan turbines
Pelton turbines
-Pump turbines
Spiral cases
Stay rings
Stay vanes
Turbine wheels

Frazil ice 0812

BT -Ice
RT Anchor ice
-Canals
Floating ice
Ice cover
-Open channels
Slush
-Streamflow
Turbulence

Freeboard 2004

RT Canal design
Dam design
-Dams
Entrance channels
Fetch
Flashboards
Flood waves
-Hydraulic structures
-Outlet works
Overflow
Reservoir design
-Safety
-Spillways
-Structural design
Wave action
Wave height
Wave run-up
-Waves (water)
Wave suppressors

Free energy 2013

BT -Energy
RT -Chemical reactions
-Thermal properties
Thermodynamic behavior
-Thermodynamics

Free flow 2004

RT Critical velocity
Liquid level gages
Spillway crests
-Spillways
Tunnel hydraulics
-Tunnels
-Water tunnels (conveyance)

Free surfaces 2004

BT -Boundaries (surfaces)
-Interfaces
-Surfaces
RT Air-water interfaces
-Flow
-Open channels

Free-swimming invertebrates

USE Nekton

Free water

USE Gravitational water

Freeze drying 1308

BT -Drying
-Separation
RT Dehydration
Forced drying
-Freezing

-Processing
Vacuum drying

Freeze-thaw cycle 0812

RT Cold climates
-Cold regions
Diurnal variations
Eluvium
Freeze-thaw durability
Freeze-thaw tests
-Freezing
Frost action
Frost heaving
-Periodic variations
-Temperature
Weather

Freeze-thaw durability 1407

BT -Chemical properties
-Durability
-Mechanical properties
RT Air entrainment
Cold climates
-Cold regions
Deterioration
Freeze-thaw cycle
Freeze-thaw tests
Frost action
Frost protection

Freeze-thaw tests 1402

BT -Materials tests
-Tests
RT Accelerated tests
Concrete tests
-Durability
Foreign tests
Freeze-thaw cycle
Freeze-thaw durability
-Freezing
Frost
Frost action
Frost protection
Laboratory tests
Pipe tests
Refrigeration
Riprap
-Temperature sensors
Test results
Thawing
-Thermodynamics

Freezing 0704

NT Flash freezing
RT Antifreeze
Catch crops
-Cooling
Crop response
Cryogenics
Crystallization
Desalination processes
Fishkill
Freeze drying
Freeze-thaw cycle
Freeze-thaw tests
Frost
Frost action
Frost heaving
-Frozen soils
Hall
Heat resistance (materials)
Heat transfer
-Heaving
Highway icing
-Ice
Ice crystals
Ice formation
Ice lenses
Melting
Nucleation
Permafrost
Precooling
Refrigeration
Refrigerators
Rime
Sleet
Slush
Solidification
Sublimation
Supercooled fog
Supercooling
-Temperature
Tertiary treatment
-Thermal properties
-Thermodynamics
Water cooling
Winterkilling

French drains 0808.1

BT -Drains
RT Clay pipes
-Conduits
Gradation
-Gravels
-Pervious soils
Sand drains
Sand filters
-Subsurface drains
Tile drains

Frequency 2014

NT High frequency
Low frequency
Natural frequency
RT Amplitude
Depth-area curves
Distribution patterns
-Elastic waves
-Electromagnetic waves
Flow duration curves
Frequency analysis
Frequency curves
Frequency distribution
Harmonics
Impulses
Load-frequency control
Oscillations
Oscillators
Pulsating flow
Pulses
-Rates
Resonance
-Resonators
Seiches
Sequence
-Surges
Synoptic analysis
-Time
Timing
Ultrasonics
-Vibration
Wave energy
Wavelength
Wave period
Wave propagation
-Waves
-Waves (water)
Wave velocity

Frequency analysis 1201

BT -Analysis
-Mathematical analysis
-Statistical analysis
RT Flow duration curves
-Frequency
Frequency curves
Time series analysis

Frequency analyzers 1402

UF Analyzers (frequency)
BT -Equipment
-Test equipment
RT -Electronic equipment
Spectrum analysis

Frequency converters 0905

BT -Converters (electrical)
RT Oscillators

Frequency curves 1201

BT -Curves
-Geometric shapes
RT Climatic data
-Climatology
Flow duration curves
-Forecasting
-Frequency
Frequency analysis
Hydrologic data
Peak discharge
-Runoff
-Time

Frequency distribution 1201

RT -Frequency
-Quality control
-Statistical analysis

Frequency modulation 2014

BT -Modulation
RT Amplitude modulation

Frequency shifters

USE Frequency shifts

Frequency shifts 2014

UF Frequency shifters

THESAURUS OF WATER RESOURCES TERMS

THESAURUS OF TERMS

Frequency shifts (Con.)

RT Frequency stabilizers
Oscillations

Frequency stabilizers 0905
BT -Electrical equipment
RT -Electrical stability
-Electric generators
-Frequency shifts
-Oscillators
-Resonators
-Stabilization
-Transmission (electrical)

Fresh water 0808
BT -Water
-Water types
NT -Melt water
Snowmelt
RT Farm ponds
Freshwater marshes
-Groundwater
Icebergs
-Lakes
-Limnology
-Phreatic water
-Ponds
Potable water
-Running waters
-Springs (water)
-Streams
-Surface waters
Water costs
-Wetlands

Freshwater algae
USE Aquatic algae

Freshwater animals
USE Aquatic animals

Freshwater bacteria
USE Aquatic bacteria

Freshwater fish 0603.2
BT -Animals
-Aquatic animals
-Aquatic life
-Fish
-Wildlife
NT Ammocetes
Bass
Buffalo fishes
Bullheads
Carp
Carp sucker
Catfishes
Cavefishes
Channel catfish
-Cichlids
Cisco
Darters
Gars
Lake trout
-Lampreys
Livebearers
Madtoms
-Perches
Pikes
Roanoke bass
Rock bass
Sauger
Shiners
-Suckers
Sunfishes
Tilapia
Walleye
White bass
White perch
Yellow bass
Yellow perch
RT Anadromous fish
Animal groupings
Atlantic salmon
Bait fishing
Brackish-water fish
Brook trout
Catadromous fish
Chinook salmon
Chum salmon
-Cold-water fish
Cold-water fishing
Commercial fish
Commercial fishing
Cutthroat trout
Fish and wildlife
Fish types
Fly fishing
-Herrings
Ice fishing

Killifishes
Lake fisheries
-Limnology
Mulletts
-Pan fish
Pink salmon
Rough fish
-Salmonids
Sculpins
-Sea basses
Silversides
Smelts
Sockeye salmon
Sport fish
Sport fishing
Sticklebacks
Stream fisheries
Suri-casting
Warm-water fish
Warm-water fishing

Freshwater lungi
USE Aquatic lungi

Freshwater marshes 0807
BT -Land forms
-Marshes
-Wetlands
RT -Fresh water
-Limnology

Freshwater microorganisms
USE Aquatic microorganisms

Freshwater plants
USE Aquatic plants

Freshwater-saline water interfaces
USE Saline water-fresh water interfaces

Friction 1407
UF Side friction
BT -Mechanical properties
NT External friction
Fluid friction
Internal friction
Negative friction
Pile friction
Positive friction
Skin friction
Solid friction
Wall friction
RT Abrasion
-Bearings
Cohesive strength
-Drag
Drained shear tests
Energy losses
-Flow
Friction coefficient (hydraulic)
Friction coefficient (mechanical)
Friction piles
Friction tests
Head losses
-Hydraulics
Journal bearings
-Kinetics
-Losses
Lubricants
Lubrication
-Movement
Obstruction to flow
-Resistance
-Roughness
Roughness (hydraulic)
Roughness coefficient
Shear strength
Sliding
Sliding resistance
Slipping
Traction
Viscosity

Friction coefficient (hydraulic)
2004
BT -Coefficients
-Resistance coefficients
RT Bed roughness
-Boundary layer
Boundary shear
-Canals
Capacity reduction
Cast-in-place pipes
-Drag
Energy losses
External friction
-Fluid flow
Fluid friction
-Fluid mechanics

-Friction
Friction tests
Head losses
-Hydraulics
-Hydraulic structures
Internal friction
Kutter formula
Laminar flow
Moody resistance diagrams
Negative friction
Open channel flow
-Pipefriction
Pipe tests
Positive friction
Relative roughness
-Resistance
-Roughness
Roughness (hydraulic)
Skin friction
-Surface properties
-Tunnels
Turbulent flow
Unlined tunnels
-Velocity
Viscosity
Wall friction
Water conveyance
-Water tunnels (conveyance)
Water tunnels (testing)

Friction coefficient (mechanical)
2012

BT -Coefficients
-Mechanical properties
-Resistance coefficients
RT Abrasion
Angle of repose
Drained shear tests
External friction
-Friction
Friction tests
Internal friction
Lubricants
Mohr envelope
Negative friction
Positive friction
Relative roughness
-Resistance
-Roughness
Roughness coefficient
Shear strength
Skin friction
Sliding resistance
-Soil properties
Solid friction
-Surface properties
Traction
Wall friction

Friction piles 1313.6

BT -Piles (foundations)
RT Batter piles
Bearing piles
Cast-in-place piles
-Concrete piles
-Engineering structures
-Friction
Negative friction
-Pile driving
Pile foundations
Pile friction
Pile spacing
Positive friction
-Roughness
Skin friction
Steel piles
Uplift resistance
Wooden piles

Friction tests 1402

BT -Tests
RT Abrasion
Direct shear
-Field tests
-Friction
Friction coefficient (hydraulic)
Friction coefficient (mechanical)
Internal friction
Laboratory tests
Negative friction
-Resistance
-Roughness
-Shear tests
Smoothness
-Surface properties
-Wear resistance

Fringe benefits 0503

BT -Benefits

FROST HEAVING

RT Employee relations
Incentives
Indirect benefits
Industrial relations
Insurance costs
Marginal benefits
Morale
-Payment
-Personnel
Personnel management
-Recreation facilities
Salaries

Fringe water 0808.1

UF Anastatic water
BT -Capillary water
-Moisture
-Soil moisture
-Soil water
-Subsurface waters
-Vadose water
-Water
-Water types
RT Capillary fringe
-Zone of aeration

Frogs 0603.2

BT -Amphibians
-Animals
-Wildlife
RT -Aquatic animals

Fronts (atmospheric) 0402

BT -Boundaries (surfaces)
RT Air circulation
-Air masses
-Air temperature
-Atmosphere
Boundary processes
-Meteorology
-Storms

Frost 0402

RT -Condensation
Deicers
Dew
Freeze-thaw tests
-Freezing
Frost action
Frost heaving
Frost prevention
Frost protection
-Frozen soils
-Ice
Ice crystals
Ice formation
Ice lenses
Permafrost
Rime

Frost action 0812

UF Boils (frost)
Frost boil
Frost effects
Penetration (frost)
RT Cold weather construction
Freeze-thaw cycle
Freeze-thaw durability
Freeze-thaw tests
-Freezing
Frost
Frost heaving
Frost prevention
Frost protection
-Frozen soils
Heat transfer
-Heaving
-Ice
Ice crystals
Ice formation
Ice lenses
Ice pressure
Ice-water interfaces
Melting
Permafrost
Soil water movement
-Temperature
Thawing
Weathering

Frost boil

USE Frost action

Frost effects

USE Frost action

Frost heaving 0812

BT -Heaving
RT Cold weather construction

FROST PREVENTION

Frost heaving (Con.)

Freeze-thaw cycle
-Freezing
Frost
Frost action
Frost protection
-Frozen soils
-Ice
Ice lenses
Ice pressure
Microenvironment
Permafrost
Root systems
Soil mechanics
-Soil water
Soil water movement
Thawing
-Volume change
Weathering

Frost prevention 0812

RT Frost
Frost action
Frost protection
-Ice
Ice formation
Ice prevention
Irrigation effects

Frost protection 1302

RT Cold resistance
Cold weather construction
Freeze-thaw durability
Freeze-thaw tests
Frost
Frost action
Frost heaving
Frost prevention
-Heating
-Horticultural crops
Ice prevention
Orchards
Sprinkling
Temperature control
-Weather modification
Winterkilling

Froth flotation 0701 1308

BT -Flotation
RT Air bubbles
-Beneficiation
-Bubbles
Foam
-Interfacial
Water pollution treatment
-Water purification

Frothing 0701 1308

RT -Bubbles
-Flotation
Foam
Foaming

Froude number 2004

RT -Critical flow
Dimensional analysis
-Fluid flow
Hydraulic jump
Hydraulic similitude
Reynolds number
-Similitude
Standing waves
Transition flow

Frozen ground

USE Frozen soils

Frozen soils 0812

UF Frozen ground
BT -Earth materials
-Materials
-Soils
-Soil types
NT Permafrost
RT Cold weather construction
-Freezing
Frost
Frost action
Frost heaving
-Heaving
-Ice
Ice lenses
Thawing
Tundra

Fruit crops 0204

UF Fruits
BT -Crops
-Horticultural crops
-Plants (botany)

NT Apples
Blueberries
-Citrus fruits
Cranberries
Dates
Grapefruit
Hickory trees
Lemons
Limes
Macadamia
Melons
Oranges
Peaches
Peanuts
Pecans
-Pome fruits
Soybeans
-Stone fruits
Strawberries
Sugar beets
Tropical fruits
-Vine crops
RT -Dicots
-Monocots
Orchards
Plant groupings
-Shrubs

Fruits

USE Fruit crops

Fry 0603 2

UF Advanced fry
Alewin
Fingerlings
Sac fry
BT -Animals
-Aquatic animals
-Aquatic life
-Fish
-Growth stages
-Juvenile fishes
-Wildlife
RT Fish eggs
Fish food organisms
Fish management
Fish reproduction
Fish stocking
Juvenile growth stage
-Life cycles
Life expectancy
Spawning

Fuel oil 2104

UF Diesel fuel
BT -Fossil fuels
-Oils

RT Gasoline
Petroleum

Fuels 2104

RT -Chemicals
Chemical wastes
-Coal
Coal gas
Diesel engines
Gasoline
Heaters
-Internal combustion engines
Naphtha
Natural gas
-Oils
Oil wastes
Oily water
Peat
Petroleum
Water pollution sources

Fuel employment 0503

BT -Employment
RT Employment opportunities

Fully stocked

USE Stocking

Fulvic acids 0703

BT -Acids
-Chemical compounds
-Chemicals
-Organic acids
-Organic compounds

Fulvous tree duck 0603.2

UF Dendrocygna bicolor
BT -Animals
-Aquatic life
-Birds
-Ducks (wild)
-Migratory birds

-Waterfowl
-Wildlife

Fumigants 0606

BT -Chemicals
-Pesticides
-Poisons
NT Sodium arsenite
RT Dusting
Soil sterilants
-Sterilants

Funding

USE Finance

Funds

USE Finance

Fundulus species

USE Killifishes

Fungi 0603.1

BT -Parasites
-Plants (botany)
NT -Aquatic fungi
Mannite fungi
Molds
Pathogenic fungi
Soil fungi
Verticillium
Yeasts
RT -Bacteria
Cultures
Fungicides
Lichens
-Microbiology
-Microorganisms
-Phytoplankton
-Plant diseases
Rusts (fungi)
Spores

Fungicides 0606

BT -Chemicals
-Pesticides
-Poisons
RT Antibiotics (pesticides)
-Fungi
Impregnation
Wood preservatives (pesticides)

Furbearers 0603.2

BT -Animals
NT Beavers
Mink
Muskrats
RT Animal groupings
-Aquatic animals
Mammal groupings
-Small animals (mammals)
-Small game
Trapping
-Wildlife

Furnaces 1301

NT Blast furnaces
Kilns
RT Boilers
Dryers
Heaters
-Heating
Heating plants
-Heat treatment
Incinerators
Laboratory equipment
Ovens

Furrow drainage 0808.1

BT -Drainage
RT Drainage engineering
Drainage practices
-Furrow irrigation
-Land forming

Furrow irrigation 0203.1

BT -Distribution systems
-Gravity irrigation
-Irrigation
-Irrigation systems
-Surface irrigation
NT Border irrigation
RT Contour furrows
-Cultivation
-Ditches
Furrow drainage
Irrigation engineering
Return flow
Siphons

THESAURUS OF WATER RESOURCES TERMS

Furrows 0203

BT -Ditches
NT Contour furrows
RT Border irrigation
Contour farming
-Cultivation

Furrow systems 0203

RT -Artificial recharge
Channeling
Irrigation ditches
Water spreading

Fused salts 0704

BT -Chemical compounds
-Chemicals
-Salts
RT Saline water systems

Fuses (electric)

USE Electric fuses

Fuses (explosions) 1901

UF Blasting fuses
RT -Blasting
Charges (explosives)
Detonation
-Explosions
Explosive construction
-Explosives

Fusion 1407

(excludes nuclear reaction)
RT Adhesion
Latent heat
-Liquefaction
Melting
Solidification
-Welding

Future planning (projected) 1407

UF Projected planning
BT -Planning
RT -Census
-Forecasting
Long-term planning

Fyke nets 0511

BT -Nets

G

Gabbro 0607

BT -Basic rocks
-Crystalline rocks
-Igneous rocks
-Plutonic rocks
-Rocks
RT Basalt

Gabions 1313.5

UF Rock saucages
RT Bank protection
-Barriers
Cribbing
-Erosion control
Groins (structures)
Harbors
Jacks (structural shape)
Revetments
Shore protection
Slope protection
Stable channels
Stream meandering

Gadwall duck 0603.2

UF Anas strepera
BT -Animals
-Aquatic life
-Birds
-Ducks (wild)
-Migratory birds
-Waterfowl
-Wildlife

Gages 1402

UF Gaging
Gauges
BT -Equipment
-Instrumentation
-Measuring instruments

THESAURUS OF TERMS

Gages (Con.)

—Test equipment
 RT Barometers
 Dial gages
 Extensometers
 Hook gages
 Liquid level gages
 Manometers
 —Piezometers
 —Precipitation gages
 —Pressure gages
 Rain gages
 Staff gages
 —Strain gages
 Stream gages
 Stress gages
 Weir gages
 RT Current meters
 Depth recorders
 —Detectors
 Dynamometers
 Flow measurement
 —Flowmeters
 —Gaging stations
 —Indicators
 Laboratory equipment
 —Pressure measuring instruments
 —Probes (instruments)
 —Recording systems
 Sediment samplers
 —Sensors
 Stage-discharge relations
 —Streamflow
 Submarine pipelines
 Tensiometers
 —Transducers
 —Water levels
 —Water measurement

Gaging

USE Gages

Gaging stations 1402

BT —Stations
 NT Stream gaging station
 RT Data collections
 Flow measurement
 —Gages
 —Hydrologic instruments
 —Hydrometeorological station
 Liquid level gages
 Observation wells
 —Precipitation gages
 Rain gages
 —Running waters
 Stream gages
 Surface waters
 Water control
 —Water levels
 Water stage recorders
 Water surface

Galleries 1313.1

RT —Cables
 —Concrete dams
 —Drainage
 Groundwater flow
 —Grouting
 —Springs (water)

Galloping conductors 0901.1

RY Aeolian vibration
 —Electric conductors
 —Transmission lines
 Transmission towers
 —Wind (meteorology)

Galvanic corrosion 1113

BT —Corrosion
 NT Stray current corrosion
 RT Cathodic protection
 —Corrosion control
 Corrosion currents
 Corrosion tests
 Metal coatings
 Stress corrosion

Galvanizing 1103

BT —Coatings
 RT —Corrosion
 —Corrosion control
 Dipping
 Metal coatings
 —Protective coatings
 Rust control
 —Surfacing
 —Zinc alloys

Galvanometers 1402

BT —Equipment

—Instrumentation
 —Measuring instruments
 —Test equipment
 RT Ammeters
 —Electric current
 Ohmmeters
 Voltmeters

Gambusia species

USE Livebearers

Game birds 0603.2

BT —Animals
 —Birds
 —Small game
 —Wildlife
 RT Animal groupings
 Bird types
 Brood stock
 —Ducks (wild)
 —Geese (wild)
 Hunting
 —Migratory birds
 —Non-game birds
 Non-migratory bird
 —Waterfowl

Game management

USE Wildlife management

Game theory 1202

BT —Operations research
 RT Decision making
 Linear programming
 —Mathematical models
 Probability theory
 Risks
 Simulation
 —Statistical models

Gametocides 0606

BT —Chemicals
 —Pesticides
 —Poisons
 RT Ovicides
 —Sterilants

Gamma particles

USE Gamma rays

Gamma probes 1402

BT —Nuclear probes
 —Probes (instruments)
 RT Gamma rays
 Geophysical logging
 —Geophysics
 —Logging (surveying)
 Nuclear density meters
 Nuclear moisture meters
 Radioactive well logging
 —Well logging

Gamma radiation

USE Gamma rays

Gamma rays 2006

UF Gamma particles
 Gamma radiation
 Radiation (gamma)
 BT —Electromagnetic waves
 —Radiation
 —Waves
 RT Cosmic rays
 Gamma probes
 Geiger counters
 Nuclear moisture meters
 —Nuclear probes
 Radiation effects
 Radioactive decay
 Radioactivity
 —Radiography
 —Radioisotopes
 X-rays

Gantry cranes

USE Hoisting machinery

Garages 1313.4

ST —Buildings
 —Engineering structures
 RT Automobiles
 —Construction equipment
 —Maintenance
 Maintenance equipment
 Parking areas
 Repairing

Garbage 1302.1

BT —Wastes

RT Garbage dumps
 Incinerators
 Insect control
 Refuse disposal
 Sanitary engineering

Garbage dumps 1302.1

BT —Waste dumps
 RT Domestic wastes
 Garbage
 Landfills
 Municipal wastes
 Refuse disposal
 —Waste disposal

Gars 0603.2

BT —Animals
 —Aquatic animals
 —Aquatic life
 —Fish
 —Freshwater fish
 —Wildlife

Gas chromatography 0704

BT —Analytical techniques
 —Chromatography
 RT —Chemical analysis
 —Instrumentation
 Qualitative analysis
 —Quantitative analysis
 Water analysis

Gasel 0704

BT —Fluids
 NT —Air
 Argon
 Carbon dioxide
 Carbon monoxide
 Coal gas
 Compressed air
 —Dissolved gases
 Dissolved oxygen
 Entrained air
 Helium
 Hydrogen
 —Inert gases
 Methane
 Natural gas
 Neon
 Nitrogen
 —Oxygen
 Ozone
 Soil gases
 —Vapors
 —Water vapor
 RT Aerodynamics
 —Bubble
 Liquid-gas interfaces
 Liquids
 Pore air pressure
 Solids

Gases (ionizing)

USE Magnetic hydrodynamics

Gas hydration

USE Hydrate processes

Gaskets 1101

BT —Seals (stoppers)
 RT Gate seals
 —Leakage
 O-ring seals
 Water seals
 Water stops

Gasoline 2104

RT Fuel oil
 Fuels
 —Internal combustion engines
 Natural gas
 Oil industry
 —Oils
 Oil wastes
 Petroleum
 Water pollution sources

Gasterosteus species

USE Sticklebacks

Gastropods 0603.2

BT —Animals
 —Aquatic animals
 —Aquatic life
 —Invertebrates
 —Mollusks
 NT Snails

GATE VALVES

Gate control 1313.7

BT —Control
 —Hydraulic equipment
 RT Automatic control
 Fixed wheel gates
 Gate hoists
 —Gates
 Gate seals
 Gate seats
 —Hoisting machinery
 —Hydraulic gates
 —Hydraulics
 Miter gates

Gate hoists 1313.7

BT —Hoisting machinery
 RT Coaster gates
 Gate control
 —Gates
 Mechanical equipment

Gates 1313.7

NT Bulkhead gates
 Coaster gates
 Drum gates
 Emergency gates
 Fixed wheel gates
 Floodgates
 High pressure gates
 —Hydraulic gates
 Intake gates
 Metergates
 Miter gates
 Radial gates
 Roller gates
 Roller-mounted gates
 Sector gates
 Slide gates
 Sluice gates
 Spillway gates
 Stoney gates
 Turnout gates
 Wicket gates
 RT —Barriers
 Caissons
 —Canals
 —Check structures
 —Dams
 —Discharge (water)
 Diversion structures
 Diversion works
 —Docks
 —Flow control
 Flow measurement
 Gate control
 Gate hoists
 Gate seals
 Gate seats
 Gate works
 —Hydraulic structures
 Inhibitors
 Lock gates
 Locks (waterways)
 —Orifices
 Sluices
 —Spillways
 —Valves
 Water hammer
 —Weirs

Gate seals 1313.7

BT —Seals (stoppers)
 RT Gaskets
 Gate control
 —Gates
 Gate seats
 Miter gates
 —Sealants
 Slots
 Water seals

Gate seats 1313.7

RT Gate control
 —Gates
 Gate seats

Gate valves 1311

BT —Hydraulic valves
 —Valves
 RT Buried irrigation systems
 Globe valves
 Hollow jet valves
 Plug valves
 Sleeve valves

Gauges

USE Gages

GAUSSIAN DISTRIBUTION

Gaussian distribution 1201

- BT—Analysis
- Numerical analysis
- RT—Curves
- Errors
- Mathematical analysis
- Mathematics
- Statistics

Gears 1309

- RT—Clutches (mechanical)
- Lubrication
- Power transmission (mechanical)
- Pumps
- Transmissions (mechanical)
- Variable-speed drives
- Wheels

Geese (domestic)

- E Fowl

Geese (wild) 0603.2

- F—Animals
- Aquatic life
- Birds
- Migratory birds
- Waterfowl
- Wildlife

NT—Geese

- Black brant
- Blue goose
- Brant
- Canada goose
- Emperor goose
- Snow goose
- White-fronted goose

RT—Geese

- Game birds

Geiger counters 1504

- BT—Counters
- Detectors
- Equipment
- Instrumentation
- Measuring instruments
- Radiation detectors
- Radiation measuring equipment
- Sensors
- Test equipment
- RT—Gamma rays
- Hall life
- Mining
- Neutron counters
- Radiation hazards
- Radiation measurement
- Radioactive decay

Gels 0704

- RT—Coagulants
- Coagulation
- Colloids
- Thixotropy

Generating capacity 0903

- RT—Electric generators
- Electric power
- Electric power production
- Firm energy
- Installed capacity
- Power system operations
- Spinning reserve

Generator-motors 0903.1002

- RT—Electric generators
- Electric motors
- Electric power
- Electric power production
- Pumped storage

Generators 1407

- BT—Equipment
- NT—Dynamometers
- Electric generators
- Magnets
- Motor generators
- Oscillators
- Signal generators
- Silver iodide generators
- Turbogenerators
- RT—Boilers
- Electric power
- Electric powerplants
- Farm equipment
- Governors
- Hydroelectric powerplants
- Turbines

Genetics 0603

- NT—Fish genetics
- RT—Animals
- Prology

- Breeding
- Chromosomes
- Irradiation
- Plant breeding
- Plants (botany)
- Radioactivity effects
- Reproduction (biology)
- Resistance
- Sterility
- Transpiration

Geochemistry 0804

- BT—Chemistry
- Sciences
- NT—Soil chemistry
- RT—Chemical analysis
- Chemical properties
- Geologic control
- Geologic investigations
- Geology
- Geophysics
- Humid areas
- Hydrology
- Mineralogy
- Radioactive dating
- Soil analysis
- Trace elements
- Water chemistry
- Weathering

Geodesics

- USE Geodesy

Geodesy 0805

- UF—Geodesics
- RT—Earth (planet)
- Geodetic surveys
- Geography
- Geology
- Geophysics
- Gravimeters
- Gravity
- Gravity studies
- Magnetic surveys
- Magnetometers
- Measurement
- Surveying
- Surveys
- Triangulation nets

Geodetic surveys 0603

- BT—Surveys
- RT—Aerial surveys
- Geodesy
- Geological surveys
- Hydrographic surveys
- Magnetic surveys
- Plane surveying
- Surveying
- Topographic surveys
- Topography
- Triangulation nets

Geodimeters 1402

- BT—Equipment
- Instrumentation
- Measuring instruments
- Test equipment
- RT—Surveying instruments
- Tellurometers

Geographical regions 0806

- Use of a more specific term is recommended
- BT—Regions

NT—Regions

- Alabama
- Alaska
- Arizona
- Arkansas
- California
- Colorado
- Connecticut
- Corn belt
- Delaware
- Florida
- Georgia
- Hawaii
- Idaho
- Illinois
- Indiana
- Iowa
- Kansas
- Kentucky
- Louisiana
- Maine
- Maryland
- Massachusetts
- Michigan
- Minnesota

- Mississippi
- Missouri
- Montana
- Nebraska
- Nevada
- New Hampshire
- New Jersey
- New Mexico
- New York
- North Carolina
- North Dakota
- Ohio
- Oklahoma
- Oregon
- Pennsylvania
- Rhode Island
- South Carolina
- South Dakota
- Tennessee
- Texas
- United States
- Utah
- Vermont
- Virginia
- Washington
- West Virginia
- Wisconsin
- Wyoming

RT—Climate

- Climatic zones
- Geography
- Terrain

Geography 0806

- BT—Social sciences
- NT—Biogeography
- Deserts
- RT—Arctic climates
- Climate
- Climatic zones
- Climatology
- Earth (planet)
- Geodesy
- Geographical regions
- Geomorphology
- Land forms
- Maps
- Morphology
- Polar regions
- Tropical regions

Geohydrologic units 0806.1

- RT—Aquicludes
- Aquifers
- Groundwater
- Groundwater basins
- Groundwater depletion
- Groundwater geology
- Hydrogeology

Geohydrology

- USE Hydrology

Geological engineering

- USE Engineering geology

Geological faults

- USE Faults (geology)

Geological planes

- USE Geologic structures

Geological surveys 0807

- BT—Surveys
- RT—Aerial surveys
- Geodetic surveys
- Geologic formations
- Geologic investigations
- Geologic mapping
- Geologic maps
- Geomorphology
- Hydrographic surveys
- Photogrammetry
- Reconnaissance surveys

Geologic control 0807

- BT—Control
- RT—Bedrock
- Flood control
- Geochemistry
- Geology
- Geomorphology
- Groundwater barriers
- Hydrogeology
- Sediment control
- Stratigraphy
- Stream drainage patterns
- Structural geology

THESAURUS OF WATER RESOURCES TERMS

Geologic deposits 0807

- NT—Alluvial deposits
- Alluvium
- Colluvium
- Detritus
- Glacial deposits
- Glacial soils
- Moraines
- Rock flour
- Talus
- Terrace deposits
- RT—Aeolian soils
- Debris
- Deposition
- Erosion
- Flood plains
- Gravels
- Land forms
- Littoral materials
- Ores
- Rocks
- Sand bars
- Sands
- Sediment deposits
- Sediments
- Silt
- Soil erosion

Geologic formations 0807

- BT—In situ rock
- NT—Bedrock
- RT—Aquicludes
- Aquifers
- Aquifers
- Beats (geology)
- Foundation rocks
- Geological surveys
- Geologic investigations
- Geologic mapping
- Geologic maps
- Geology
- Igneous rocks
- Metamorphic rocks
- Oil reservoirs
- Outcrops
- Overburden
- Rocks
- Sedimentary rocks
- Sedimentary structures
- Soils
- Strata
- Stratigraphy
- Strip aquifers
- Structural geology
- Varves

Geologic investigations 0807

- BT—Investigations
- NT—Petrographic investigations
- RT—Beds (geology)
- Borehole cameras
- Discontinuities
- Drilling
- Engineering geology
- Exploration
- Field classifications
- Field data
- Field investigations
- Foundation investigations
- Geochemistry
- Geological surveys
- Geologic formations
- Geologic mapping
- Geologic maps
- Geology
- Geophysical logging
- Geophysical prospecting
- Geophysics
- Gravimetric prospecting
- Hydrogeology
- In situ rock
- Logging (recording)
- Logs
- Photogeology
- Preliminary investigations
- Reconnaissance surveys
- Seismic investigations
- Site selection
- Soil investigations
- Subsurface investigations
- Surveying
- Surveys
- Well logging

Geologic mapping 0807

- BT—Mapping
- RT—Geological surveys
- Geologic formations
- Geologic investigations

THESAURUS OF TERMS

Geologic mapping (Con.)

Geologic maps
-Geology
-Geophysical prospecting
-Groundwater geology
-Hydrogeology
-Maps
-Site selection
-Stratigraphy
-Structural geology
-Subsurface mapping

Geologic maps 0807

BT -Maps
RT -Geological surveys
-Geologic formations
-Geologic investigations
-Geologic mapping
-Mapping
-Photointerpretation
-Soil maps
-Subsurface mapping

Geologic structures 0807

UF -Geological planes
NT -Faults (geology)
-Fissures (geology)
-Folds (geology)
-Foliation
-Joints (geology)
-Varves
RT -Cleavage
-Geomorphology
-Land forms
-Sedimentary structures
-Structural geology

Geologic time 0807

NT -Cenozoic era
-Mesozoic era
-Paleozoic era
-Pleistocene epoch
-Precambrian era
-Quaternary period
-Recent epoch
-Tertiary period
RT -Dating
-Geology
-History
-Radioactive dating
-Stratigraphy
-Time

Geology 0807

BT -Sciences
NT -Engineering geology
-Geomorphology
-Glacial geology
-Groundwater geology
-Hydrogeology
-Marine geology
-Mineralogy
-Petrography
-Petrology
-Photogeology
-Sedimentary petrology
-Sedimentology
-Structural geology
RT -Archaeology
-Bedrock
-Beds (geology)
-Earth movements
-Earthquakes
-Extrusions
-Fossils
-Foundation rocks
-Geochemistry
-Geodesy
-Geologic control
-Geologic formations
-Geologic investigations
-Geologic mapping
-Geologic time
-Geophysics
-Glacial deposits
-Glacial soils
-Glaciation
-Glaciers
-Groundwater hydrology
-Igneous rocks
-In situ rock
-Metamorphic rocks
-Meteoritic water
-Meteorology
-Moraines
-Oceanography
-Oceans
-Outcrops
-Paleontology
-Palynology

Petrographic investigations
-Rock mechanics
-Rocks
-Sedimentary rocks
-Sedimentation
-Sediment production
-Sediments
-Seismology
-Soils
-Soil science
-Strata
-Symbols

Geomagnetism

USE Terrestrial magnetism

Geometric shapes 1409

NT -Area capacity curves
-Circles (geometry)
-Compression curves
-Cones (mathematics)
-Curves
-Disks (shapes)
-Drift-storage curves
-Drawdown curves
-Flow duration curves
-Frequency curves
-Helices
-Horizontal curves
-Mass curves
-Prisms
-Proctor curves
-Spheres
-Spirals
-Stress circle
-Stress-strain curves
RT -Asymmetry
-Envelopes
-Flat surfaces
-Geometry
-Particle shape
-Profiles
-Spillway profiles
-Surfaces
-Trigonometry
-Wedges

Geometry 1201

BT -Mathematics
RT -Angles (geometry)
-Area
-Asymmetry
-Circles (geometry)
-Cones (mathematics)
-Coordinates
-Curved profiles
-Curves
-Diagrams
-Dimensions
-Distance
-Envelopes
-Geometric shapes
-Helices
-Horizontal curves
-Mean diameter
-Median diameter
-Position finding
-Prisms
-Shape
-Spheres
-Spirals
-Surveys
-Symmetry
-Tensor analysis
-Trigonometry
-Vector analysis
-Volume

Geomorphology 0807

UF -Physiography
BT -Geology
-Morphology
-Sciences
RT -Beaches
-Berms
-Cirques
-Deltas
-Drainage density
-Dune succession
-Environmental effects
-Erosion
-Floods
-Flood plains
-Fluvial morphology
-Geography
-Geological surveys
-Geologic control
-Geologic structures
-Glacial deposits

-Glacial geology
-Glacial soils
-Glaciation
-Glaciers
-Graded
-Gradients
-Hydrogeology
-Karst
-Land forming
-Land forms
-Land subsidence
-Marine geology
-Meanders
-Moraines
-Mountains
-Mud flats
-Oceans
-Orography
-Photogeology
-Potholes
-Quaternary period
-Reefs
-Regions
-Rivers
-Running waters
-Runoff
-Sand bars
-Sand spits
-Scenery
-Sedimentary basins (geological)
-Sedimentology
-Shoaling
-Shoals
-Slopes
-Stream drainage patterns
-Streamflow regulation
-Stream meandering
-Streams
-Structural geology
-Superimposed drainage
-Terraces (geological)
-Terrain
-Terrain analysis
-Topography
-Valleys
-Volcanoes
-Water gaps
-Weathering

Geophones 1402

BT -Equipment
-Instrumentation
-Test equipment
RT -Accelerometers
-Detectors
-Earth movements
-Geophysics
-Rock noise
-Seismic investigations
-Seismic prospecting
-Seismic waves
-Seismographs
-Seismology
-Sound waves
-Vibration

Geophysical logging 1402

BT -Logging (recording)
RT -Borehole geophysics
-Density
-Electrical logging
-Electrical well logging
-Gamma probes
-Geologic investigations
-Geophysical prospecting
-Geophysics
-Geothermal prospecting
-Gravimetric prospecting
-Magnetometers
-Nuclear density meters
-Nuclear moisture meters
-Nuclear probes
-Porosity
-Resistivity surveys
-Rock properties
-Seismic investigations
-Seismic refraction
-Seismic velocity
-Subsurface investigations
-Well logging

Geophysical prospecting 0807

BT -Exploration
NT -Electrical prospecting
-Geothermal prospecting
-Gravimetric prospecting
-Magnetic surveys
-Resistivity surveys
-Seismic prospecting

GEOTHERMAL PROSPECTING

RT -Aerial surveys
-Borehole geophysics
-Electrical logging
-Electrical well logging
-Engineering geology
-Foundation investigations
-Geologic investigations
-Geologic mapping
-Geophysical logging
-Geophysics
-Gravimeters
-Hydrogeology
-Logging (recording)
-Magnetometers
-Radioactive well logging
-Reconnaissance surveys
-Seismic refraction
-Subsurface investigations
-Well logging

Geophysics 0807

BT -Physics
-Sciences
NT -Borehole geophysics
-Geothermal studies
-Gravity studies
-Magnetic surveys
-Seismic studies
RT -Boreholes
-Crusts
-Electrical logging
-Electrical prospecting
-Electrical resistivity
-Electrical studies
-Electrical well logging
-Engineering geology
-Gamma probes
-Geochemistry
-Geodesy
-Geologic investigations
-Geology
-Geophones
-Geophysical logging
-Geophysical prospecting
-Geothermal prospecting
-Gravimeters
-Gravimetric prospecting
-Gravity
-Ground currents
-Groundwater geology
-Hydrogeology
-Hydrographic surveys
-Hydrography
-Hydrology
-International geophysical year
-Magnetic fields
-Petrology
-Radioactive well logging
-Radiocarbon
-Remote sensing
-Resistivity surveys
-Rock noise
-Seismic investigations
-Seismic prospecting
-Seismic refraction
-Seismology
-Subsurface mapping
-Surveying
-Surveys
-Terrestrial magnetism
-Well logging

Georgia 0807

BT -Coastal plains
-Geographical regions
-State (geographical)

Geothermal powerplants 10021

BT -Industrial plants
-Powerplants
RT -Electric power
-Electric power production
-Geothermal studies
-Hot springs
-Thermal energy
-Thermal power
-Thermal powerplants

Geothermal prospecting 0807

BT -Exploration
-Geophysical prospecting
-Geothermal studies
RT -Borehole geophysics
-Boreholes
-Geophysical logging
-Geophysics
-Temperature rise
-Temperature sensors
-Well logging

GEO THERMAL STUDIES

THE SAURUS OF WATER RESOURCES TERMS

Geothermal studies 0807

- BT Thermal studies
- BT -Geophysics
- NT Geothermal prospecting
- RT Borehole geophysics
- Geothermal powerplants
- Heat flow
- Hot springs
- Temperature
- Thermal conductivity
- Thermal properties
- Warm springs
- Well logging

Geotropism 0603

- BT -Tropisms
- RT Gravity
- Plant growth
- Root distribution
- Root systems

Germanium 0702

- BT -Chemical elements
- RT Germanium alloys
- Germanium compounds

Germanium alloys 1106

- BT -Alloys
- Metals
- RT Germanium

Germanium compounds 0702 0703

- BT -Chemical compounds
- RT Germanium

Germicides

- USE Bactericides

Germination 0603

- RT Growing period
- Growth stages
- Plant growth
- Plant physiology
- Seeds
- Spores
- Vegetation establishment
- Viability

Geysers 0808.1

- BT -Hot springs
- Running waters
- Springs (water)
- Thermal springs
- RT Juvenile water
- Mineral water
- Pressure
- Steam
- Subsurface waters
- Thermal water
- Warm springs

Gibson method 1402

- BT -Water measurement
- RT Chemical dilution method
- Salt velocity method
- Turbine efficiency

Gill nets 0511

- BT -Nets

Girders 1313.5

- BT -Structural members
- NT Plate girders
- RT Bascule bridges
- Beams (structural)
- Bents (structural)
- Box beams
- Bridges (structures)
- Composite beams
- Compression members
- Construction
- Deep beams
- Hybrid beams
- Spans
- Structural design
- Supports
- Web beams

Glacial boulders

- USE Glacial deposits

Glacial clays

- USE Glacial deposits

Glacial deposits 0807

- UF Boulders (glacial)
- Clays (glacial)
- Deposits (glacial)
- Glacial boulders

Glacial clays

- Glacial drift
- Glacial outwash plains
- BT -Geologic deposits
- NT Glacial soils
- Moraines
- RT -Alluvial deposits
- Boulders
- Geology
- Geomorphology
- Glacial geology
- Glaciation
- Glaciers
- Land forms
- Paleosols
- Placer mining
- Rock flour
- Sedimentation
- Sediment deposits
- Sediment production
- Sediments
- Terrace deposits

Glacial drift

- USE Glacial deposits

Glacial flour

- USE Rock flour

Glacial geology 0807

- BT -Geology
- Morphology
- NT Glaciation
- Glaciers
- Moraines
- RT Cirques
- Fjords
- Geomorphology
- Glacial deposits
- Glacial soils
- Paleoclimatology
- Paleosols
- Pleistocene epoch
- Topography

Glacial outwash plains

- USE Glacial deposits

Glacial soils 0807

- BT -Earth materials
- Geologic deposits
- Glacial deposits
- Materials
- Soils
- Soil types
- RT -Alluvial deposits
- Geology
- Geomorphology
- Glacial geology
- Glaciation
- Glaciers
- Land forms
- Moraines
- Paleosols
- Sediment deposits

Glaciation 0807

- BT -Glacial geology
- RT Cirques
- Climatic changes
- Deposition
- Erosion
- Geology
- Geomorphology
- Glacial deposits
- Glacial soils
- Glaciers
- Lake morphology
- Land forms
- Moraines
- Pleistocene epoch
- Rock flour
- Scour
- Sediment production
- Valleys

Glaciers 0806 0812

- BT -Glacial geology
- RT Ablation
- Arctic
- Cirques
- Climatology
- Crevasses
- Cryology
- Firn
- Fjords
- Geology
- Geomorphology
- Glacial deposits

Glacial soils

- Glaciation
- Hydrologic cycle
- Ice
- Icebergs
- Ice formation
- Melt water
- Moraines
- Rock glaciers
- Runoff
- Scour
- Snowmelt
- Snowpacks
- Water sources

Glass 1102

- BT -Building materials
- Construction materials
- NT Laminated glass
- RT -Ceramic materials
- Glass fibers
- Materials
- Optical properties

Glass fibers 1105

- BT -Fibers
- RT -Glass
- Glass reinforced plastics
- Mechanical insulation
- Reinforcing materials

Glass reinforced plastics 1109

- BT -Building materials
- Plastics
- RT Glass fibers
- Laminated glass
- Materials

Globe valves 1311

- BT -Hydraulic valves
- Valves
- RT Gate valves
- Hollow jet valves
- Plug valves
- Sleeve valves

Glycine max

- USE Soybeans

Gneiss 0807

- BT -Crystalline rocks
- Metamorphic rocks
- Rocks
- RT Schist

Goals

- USE Objectives

Goats 0603.2

- BT -Animals
- Domestic animals
- Livestock
- Mammals

Goggles 1312

- RT Lenses (optical)
- Safety

Gold 0702

- BT -Chemical elements
- Metals
- RT Drift mining
- Hydraulic mining
- Mines
- Panning
- Placer mining
- Refractory metals

Goldeneye duck (barrows)

- USE Barrows goldeneye duck

Goldeneye duck (common)

- USE Common goldeneye duck

Gold radioisotopes 1802

- BT -Isotopes
- Radioisotopes

Golf courses 0511

- RT Landscaping
- Lawns
- Recreation
- Recreation facilities
- Sprinkler irrigation

Gonads 0603

- RT -Reproduction (biology)
- Sexual maturity

Gophers 0603.2

- BT -Animals
- Mammals
- Rodents
- Small animals (mammals)
- Wildlife

Gorges

- USE Canyons

Gossypium species

- USE Cotton

Government employees 0509

- UF Civil service employees
- BT -Personnel
- RT Cities
- Civil service
- Federal agencies
- Federal government
- Local governments
- Manpower
- State governments
- United states government

Government finance 0503

- RT -Costs
- Economics
- Farm prices
- Finance
- Financial analysis
- Financing
- Governments
- Government supports
- Parity prices
- Taxes

Governments 0504

- NT Federal government
- Local governments
- State governments
- United states government
- RT -Administration
- Allotments
- Civil service
- Drainage districts
- Economics
- Foreign countries
- Government finance
- Government supports
- Institutional constraints
- Institutions
- Inter-agency cooperation
- Interstate
- Irrigation programs
- Laws
- Legal aspects
- Legislation
- Networks
- Organizations
- Planning
- Political aspects
- Political science
- Public utility districts
- Regulations
- Revenues
- Sewage districts
- Standards
- Water districts
- Water law
- Water policy
- Water resources development

Government supports 0503

- RT Cost repayment
- Government finance
- Governments
- Parity prices
- United states government

Governors 1307.1 1309

- (speed regulators)
- UF Speed regulators
- BT -Control
- RT Automatic control
- Control equipment
- Control systems
- Generators
- Hydraulic machinery
- Hydraulic turbines
- Servomechanisms
- Turbines
- Wicket gates

Gradation 1407

- BT -Physical properties
- RT -Aggregates
- Classifications
- Cobbles

THESAURUS OF TERMS

Gradation (Con.)

- Dimensions
- Fines
- French drains
- Gradation analysis
- Grain shapes
- Grain sizes
- Mass
- Mechanical analysis
- Particle size
- Screening
- Settling velocity
- Sieve analysis
- Sieves
- Size
- Soil classifications
- Soil physical properties
- Soil properties
- Soil texture
- Specific surface
- Texture
- Thermochne
- Uniformity coefficient
- Visual classifications

Gradation analysis 1402

- BT -Analysis
- NT Sieve analysis
- RT Acceptance tests
- Dimensions
- Gradation
- Grading (earthwork)
- Grain sizes
- Hydrometers
- Mechanical analysis
- Particle shape
- Particle size
- Screening
- Size
- Soil classifications
- Soil tests
- Uniformity coeff .nt

Graded 1407

- RT Aggradation
- Aggregates
- Beds
- Degradation (stream)
- Deposition
- Dimensions
- Erosion
- Geomorphology
- Land forming
- Profiles
- Regime
- Roadbanks
- Road construction
- Shape
- Size
- Slopes
- Streams
- Terracing
- Waterfalls

Graders

- USE Earth handling equipment

Grades

- USE Gradients

Gradients 1407

- UF Grades
- NT Energy gradient
- Hydraulic gradient
- Thermal gradient
- RT Angles (geonistry)
- Bedload movement
- Bed movements
- Curves
- Energy dissipation
- Energy equation
- Energy losses
- Flow control
- Geomorphology
- Graphical analysis
- Head losses
- Isobars
- Isotherms
- Optimization
- Profiles
- Slope angles
- Slopes
- Topography
- Vector analysis

Grading (earthwork) 1302 1315

- RT -Construction
- Earth handling equipment
- Earthmoving
- Embankments

- Excavation
- Flat surfaces
- Gradation analysis
- Grain sizes
- Land preparation
- Roadbanks
- Road construction
- Slopes
- Stripping
- Surface preparation

Gradually varied flow 2004

- BT -Flow
- Movement
- RT Flow patterns
- Steady flow
- Tides
- Uniform flow

Grains (crops) 0204

- RT Barley
- Cereal crops
- Corn (field)
- Feeds
- Dais
- Rice
- Seeds
- Sorghum
- Soybeans
- Straw
- Wheat

Grain shapes 1407

- BT -Shape
- RT Asymmetry
- Classifications
- Gradation
- Grain structure (metals)
- Granular materials
- Mean diameter
- Median diameter
- Microstructure
- Particle shape
- Petrofabrics
- Soil classifications
- Soil physical properties
- Soil properties
- Soil texture
- Specific surface
- Surface properties
- Symmetry
- Texture
- Visual classifications

Grain sizes 1407

- BT -Size
- RT -Clays
- Coarse aggregates
- Colloids
- Dimensions
- Fine aggregates
- Finegrained soils
- Fines
- Gradation
- Gradation analysis
- Grading (earthwork)
- Grain structure (metals)
- Granular materials
- Gravels
- Mean diameter
- Mechanical analysis
- Median diameter
- Particle shape
- Particle size
- Pervious soils
- Powders
- Sands
- Screening
- Sieve analysis
- Silt
- Soil classifications
- Soil physical properties
- Soil properties
- Soil texture
- Specific surface
- Texture
- Uniformity coefficient
- Visual classification

Grain sorghum

- USE Sorghum

Grain structure (metals) 1106

- RT Grain shapes
- Grain sizes
- Microstructure
- Nuclei
- Particle shape
- Particle size

Grasses

Grama grasses 0603.1

- UF Black grama
- Bouteloua species
- BT -Agronomic crops
- Crops
- Field crops
- Forage grasses
- Forages
- Grasses
- Monocots
- Plants (botany)
- Range grasses

Grammars 0507

- RT Clarity
- Communication
- Editing
- Errors
- Machine translating
- Report writing
- Semantics
- Technical writing

Grand fir trees 0603.1

- UF Abies grandis
- BT -Coniferous trees
- Conifers
- Fir trees
- Gymnosperms
- Plants (botany)
- trees

Granite 0807

- BT -Acidic rocks
- Crystalline rocks
- Igneous rocks
- Plutonic rocks
- Rocks
- RT Pegmatites
- Rhyolite

Grants 0503

- RT Allotments
- Bids
- Capital
- Capital supply
- Contracts
- Cost repayment
- Credit
- Finance
- Financing
- Projects
- Research and development
- Technical societies

Granular materials 1107

- BT -Materials
- NT -Aggregates
- Beach sands
- Cinders
- Coarse aggregates
- Crushed stone
- Dune sands
- Gravels
- Lightweight aggregates
- Pea gravel
- Quicksand
- Sands
- Soil aggregates
- Cohesionless soils
- Fine aggregates
- Fines
- Fragmented materials
- Grain shapes
- Grain sizes
- Granules
- Particles
- Particle shape
- Pervious soils
- Powders
- Relative density

Granules 1407

- RT Application equipment
- Application methods
- Dust
- Formulation
- Granular materials
- Gravel
- Particle shape
- Particle size
- Powders

Grapefruit 0204

- UF Citrus paradisi
- BT -Citrus fruits
- Crops

Grasses

- Dicots
- Fruit crops
- Horticultural crops
- Plants (botany)
- Stone fruits
- RT Orchards
- Trees

Graphical analysis 1201

- UF Curves (graphic)
- Graphic charts
- Graphic curves
- Graphic statics
- Graphs
- BT -Analysis
- RT Area capacity curves
- Charts
- Computer applications
- Data reduction
- Diagrams
- Drawings
- Gradients
- Hodographs
- Nomographs
- Statics
- Statistical analysis
- Tensor analysis
- Vector analysis
- Waveforms

Graphic charts

- USE Graphical analysis

Graphic curves

- USE Graphical analysis

Graphic statics

- USE Graphical analysis

Graphite 0807

- BT -Minerals
- RT Anodes
- Carbon
- Greases
- Lubricants

Graphs

- USE Graphical analysis

Grassed waterways 0808

- UF Waterways, grassed
- BT -Channels
- Waterways
- RT Agricultural watersheds
- Conservation
- Contour farming
- Drains
- Land forming
- Open channels
- Resource conservation
- Retardance
- Spillways
- Surface drainage
- Surface runoff
- Terraces
- Terracing
- Water conservation
- Water conveyance
- Watershed management

Grasses 0603.1

- BT -Monocots
- Plants (botany)
- NT Bahiagrass
- Barley
- Bermudagrass
- Bluegrasses
- Bromegrass
- Cereal crops
- Coastal bermudagrass
- Corn (field)
- Dallisgrass
- Fescues
- Forage grasses
- Grama grasses
- Johnsongrass
- Kentucky bluegrass
- Merion bluegrass
- Dais
- Orchardgrass
- Perennial ryegrass
- Popcorn
- Range grasses
- Reeds
- Rice
- Sorghum
- Sudangrass
- Sweet corn
- Switchgrass

GRASSLANDS

Grasses (Con.)

- Turf grasses
- Wheat
- Wheatgrasses
- Wild rice
- RT -Biology
- Forage mixtures
- Grazing land
- Ground cover
- Hay
- Plant groupings
- Silage
- Straw

Grasslands 0806

- UF Pampas
- Prairies
- Savannas
- Steppes
- BT -Biomes
- Land
- Regions
- NT Pasture
- RT Brown soils
- Chernozems
- Chestnut soils
- Conservation
- Cultivated lands
- Ecology
- Forages
- Grazing
- Grazing land
- Natural resources
- Pedocals
- Prairie soils
- Ranges
- Resource conservation
- Semiarid climates
- Subhumid climates
- Succession
- Temporary pond stage
- Terrain
- Terrestrial habitats
- Vegetal cover
- Vegetation

Graupel 0402

- BT -Precipitation (atmospheric)
- Snow
- RT Granules
- Hail
- Steel

Gravel blankets 1313.1

- BT -Blankets
- RT Bedding materials
- Dams
- Earth dams
- Gravels
- Pervious linings
- Rock blankets

Gravel packs

- USE Well filters

Gravel pits 1303

- BT -Pits
- RT -Aggregates
- Borrow pits
- Dredging
- Excavation
- Gravels
- Pit run materials
- Porous materials
- Quarrying
- Sand pits
- Sands

Gravels 0807

- UF Sandy gravel
- Silty gravel
- BT -Construction materials
- Earth materials
- Granular materials
- Materials
- Pervious soils
- Soils
- Soil types
- NT Pea gravel
- RT -Aggregates
- Alluvial deposits
- Boulders
- Cinders
- Coarse aggregates
- Cobbles
- Cohesionless soils
- Crushed stone
- Drains
- Filters
- French drains

- Geologic deposits
- Grain sizes
- Gravel blankets
- Gravel pits
- Grit
- Groundwater geology
- Hydraulic mining
- Loose soils
- Particle size
- Pervious blankets
- Pipe bedding
- Pit run materials
- Placer mining
- Quarries
- Relative density
- Sands
- Sediment deposits
- Sediments
- Soil classifications
- Soil components
- Terrace deposits
- Well filters

Gravimeters 1402

- UF Gravity meters
- BT -Equipment
- Instrumentation
- Measuring instruments
- Test equipment
- RT Accelerometers
- Geodesy
- Geophysical prospecting
- Geophysics
- Gravimetric prospecting
- Gravity
- Gravity studies
- Pendulums
- Well logging

Gravimetric analysis 0704

- BT -Analysis
- Analytical techniques
- Chemical analysis
- Quantitative analysis
- RT Volumetric analysis
- Weight

Gravimetric prospecting 0807

- BT -Exploration
- Geophysical prospecting
- RT -Geologic investigations
- Geophysical logging
- Geophysics
- Gravimeters
- Gravity
- Subsurface investigations

Gravimetry 1402

- RT Gravity
- Hydrometry
- Measurement

Gravitation

- USE Gravity

Gravitational water 0808.1

- UF Free water
- BT -Subsurface waters
- Water
- Water types
- RT -Capillary water
- Excess water (soils)
- Groundwater
- Hygroscopic water
- Infiltration
- Percolation
- Permeability
- Phreatic water
- Seepage
- Soil types
- Soil water
- Specific yield
- Vadose water

Gravity 2011

- UF Gravitation
- RT Ballistics
- Dry weight
- Geodesy
- Geophysics
- Geotronics
- Gravimeters
- Gravimetric prospecting
- Gravimetry
- Gravity studies
- Pendulums
- Potential energy
- Specific gravity
- Weight

Gravity dams 1313.1

- BT -Dams
- RT -Arch dams
- Bulldress dams
- Concrete dams
- Earth dams
- Masonry dams
- Mass concrete
- Multiple arch dams
- Rockfill dams

Gravity flow

- USE Percolation

Gravity irrigation 0203.1

- BT -Irrigation
- Irrigation systems
- NT Border irrigation
- Buried irrigation systems
- Distribution systems
- Furrow irrigation
- Mist irrigation
- Recirculating irrigation system
- Sprinkler irrigation
- Subsurface irrigation
- Trickle irrigation
- RT Baffles
- Diversion works
- Flood irrigation
- Irrigation practices
- Open channel flow
- Open channels
- Turnouts

Gravity meters

- USE Gravimeters

Gravity studies 0805

- BT -Geophysics
- Physics
- RT Geodesy
- Gravimeters
- Gravity

Gray-brown podzolic soils 0807

- BT -Acidic soils
- Pedallers
- Podzols
- Soil groups
- Soils
- Soil types
- RT Deciduous forests
- Forest soils
- Humid climates
- Rain forests
- Temperate
- Wet climates

Grazing 0205

- UF Continuous grazing
- Deferred grazing
- Rotation grazing
- RT Carrying capacity
- Forages
- Grasslands
- Grazing land
- Pasture management
- Range management

Grazing land 0205

- UF Range land
- BT -Land
- RT -Grasses
- Grasslands
- Grazing
- Livestock
- Pasture management
- Range grasses
- Range management

Greases 1108

- RT Graphite
- Lubricants
- Oils
- Petroleum

Greater scaup duck 0603.2

- UF Aythya marila
- Scaup (greater)
- BT -Animals
- Aquatic life
- Birds
- Ducks (wild)
- Migratory birds
- Waterfowl
- Wildlife

Great ponds 0808

- BT -Bodies of water

THESAURUS OF WATER RESOURCES TERMS

- Lakes
- Ponds
- Standing waters
- Surface waters

Great rivers

- USE Navigable rivers

Green algae

- USE Chlorophyta

Greenhouses 0203

- RT -Environments
- Growth chambers
- Plants (botany)
- Shelters

Green-winged teal 0603.2

- UF Anas carolinensis
- Teal (green-winged)
- BT -Animals
- Aquatic life
- Birds
- Ducks (wild)
- Migratory birds
- Waterfowl
- Wildlife

Grids (electric)

- USE Interconnected systems

Grid systems 0802

- BT -Coordinates
- RT Dam design
- Mapping
- Surveying
- Surveys

Griffith theory 2012

- BT -Brittle fracture theory
- Theory
- RT Cracking
- Cracks
- Failure (mechanics)
- Fractures
- Strength of materials

Grillage footings 1313.6

- BT -Footings
- Foundations
- RT Belled footings
- Flexible foundations
- Pressed plate footings
- Pull-out tests
- Rigid foundations
- Spread footings
- Spread foundations
- Transmission towers

Grilles 1313.4

- RT Air circulation

Grinders 1309

- UF Grinding machinery
- Sanders
- BT -Machine tools
- NT Ball mills
- Rod mills
- RT Abrasives
- Buffers (industrial equipment)
- Drilling equipment
- Grinding
- Lathes
- Milling machines

Grinding 1308

- RT Abrasion
- Abrasives
- Ball mills
- Beneficiation
- Buffers (industrial equipment)
- Crushing
- Cutting
- Disintegration
- Finishing
- Fragmentation
- Grinders
- Grooves
- Machining
- Planning
- Rock breakage
- Rod mills
- Shaping
- Surface preparation

Grinding machinery

- USE Grinders

THESAURUS OF TERMS

Grit 0807

- RT Abrasives
- Gravels
- Particles
- Sands
- Sediments

Groins (structures) 1313.1

- BT -Walls
- RT Channel erosion
- Channel improvements
- Channel protection
- Dikes
- Gabions
- Jacks (structural shape)
- River training
- Shore protection
- Stable channels

Grooves 1308

- RT -Cutting
- Grinding
- Keyways
- Machining
- Shaping

Gross income 0503

- UF Total income
- BT -Income
- RT Gross profit
- Net income

Gross national product 0503

- RT -Consumers
- Federal government
- National income

Gross profit 0503

- BT -Profit
- RT Gross income
- Net profit

Ground cover 0603.1

- RT -Beautification
- Brush
- Cover crops
- Grasses
- Plants (botany)
- Seeding
- Soil erosion
- Vegetation
- Weeds

Ground cover effects

- USE Vegetation effects

Ground currents 0901.1

- BT -Electric current
- RT Corrosion currents
- Electrical prospecting
- Geophysics
- Ground mats
- Ground return
- Induced currents
- Lightning
- Soil resistivity

Grounding (electrical)

- USE Electrical grounding

Ground mats 0903

- RT -Electrical grounding
- Electric current
- Ground currents
- Ground return

Ground return 0901.1

- RT Direct current
- Electrical grounding
- Ground currents
- Ground mats
- Transmission (electrical)

Groundwater 0808.1

- UF Pierrotic water
- Unconfined water
- Underground water
- BT -Fluids
- Subsurface waters
- Water
- NT Artesian water
- Confined water
- Malencaves
- Perched water
- Percolating water
- Saline groundwater
- Underflow
- RT Aquifer characteristics
- Aquifer model

-Aquifers

- Artesian aquifers
- Artesian wells
- Bank storage
- Base flow
- Brackish water
- Conjunctive use
- Connate water
- Currents (water)
- Darcys law
- Dewatering
- Discharge (water)
- Dowsing
- Drainage effects
- Effluent streams
- Fresh water
- Geohydrologic units
- Gravitational water
- Groundwater basins
- Groundwater depletion
- Groundwater flow
- Groundwater geology
- Groundwater hydrology
- Groundwater management
- Groundwater mining
- Groundwater movement
- Groundwater quality
- Groundwater recharge
- Groundwater sources
- Hot springs
- Hydraulic conductivity
- Hydrogeology
- Hydrographs
- Hydrologic budget
- Hydrologic cycle
- Hydrologic equation
- Hydrologic models
- Hydrology
- Infiltration
- Influent streams
- Irrigation wells
- Karst
- Land subsidence
- Leaching
- Observation wells
- Oil-water interfaces
- Outflows
- Overdraft
- Overlying proprietor
- Perched water table
- Pervious soils
- Phreatic lines
- Phreatic water
- Piezometry
- Potentiometric level
- Precipitation (atmospheric)
- Prescriptive rights
- Quicksand
- Railroad tunnels
- Recharge
- Recharge wells
- Retention
- Return flow
- Running waters
- Safe yield
- Saline water
- Saline water intrusion
- Saturation
- Saturation zones
- Seepage
- Shallow wells
- Sinkholes
- Sinks
- Soil moisture movement
- Soil water
- Soil-water relationship
- Soil water storage
- Specific capacity
- Spreading basins
- Springs (water)
- Strip aquifers
- Subsurface moisture
- Surface-groundwater relationships
- Surface waters
- Two-part aquifers
- Underground water storage
- Unlined tunnels
- Water costs
- Water management (applied)
- Water resources
- Water resources management
- Water sources
- Water storage
- Water supply
- Water supply forecasting
- Water supply systems
- Water table
- Water wells
- Wells

Zone of saturation

Groundwater barriers 0808.1

- BT -Barriers
- RT Aquicludes
- Aquifers
- Bedrock
- Closed basins
- Faults (geology)
- Geologic control
- Groundwater mounds
- Groundwater movement
- Groundwater potential
- Impervious soils
- Lenses (soils)
- Obstruction to flow
- Strip aquifers

Groundwater basins 0808.1

- RT Aquicludes
- Aquifers
- Aquitards
- Artesian wells
- Basins
- Closed basins
- Geohydrologic units
- Groundwater
- Groundwater geology
- Groundwater mounds
- Groundwater potential
- Groundwater sources
- Hydrogeology
- Hydrologic models
- Safe yield
- Subsurface moisture
- Subsurface waters
- Underflow
- Underground streams
- Watersheds (basins)
- Water sources
- Water table
- Water wells
- Water yield

Groundwater depletion 0808.1

- BT -Depletion
- RT Artesian water
- Dewatering
- Drawdown
- Exploitation
- Geohydrologic units
- Groundwater
- Groundwater flow
- Groundwater management
- Groundwater mining
- Groundwater movement
- Groundwater potential
- Groundwater recharge
- Karst
- Land subsidence
- Overdraft
- Pumping
- Recession curves
- Shallow subsidence
- Subsidence
- Water allocation (policy)
- Water conservation
- Water level fluctuations
- Water table
- Water wells

Groundwater flow 0808.1

- UF Underground flow
- BT -Flow
- Fluid flow
- Movement
- Porous media flow
- RT Aquicludes
- Aquifer model
- Aquifers
- Artesian water
- Artesian wells
- Bank storage
- Base flow
- Darcys law
- Dewatering
- Drawdown
- Field permeability tests
- Flow nets
- Fluorescein
- Galleries
- Groundwater
- Groundwater depletion
- Groundwater movement
- Groundwater recharge
- Hydraulic conductivity
- Hydrologic equation
- Hydrologic models
- Hydrology

GROUNDWATER MOUNDS

Infiltration

- Influent streams
- Laminar flow
- Outflows
- Permeability
- Phreatic lines
- Pump tests
- Quicksand
- Recharge wells
- Salt velocity method
- Sand boils
- Seepage
- Soil moisture movement
- Springs (water)
- Subsurface flow
- Subsurface runoff
- Thiem test
- Transmissibility coefficient
- Underseepage
- Water table

Groundwater geology 0807

- BT -Geology
- Hydrogeology
- RT Aquifer characteristics
- Aquifers
- Boreholes
- Engineering geology
- Erosion
- Geohydrologic units
- Geologic mapping
- Geophysics
- Gravels
- Groundwater
- Groundwater basins
- Groundwater potential
- Hydrologic aspects
- Hydrologic models
- Hydrology
- Marine geology
- Precipitation (atmospheric)
- Springs (water)
- Stratigraphy

Groundwater hydrology 0808

- BT -Hydrogeology
- Hydrology
- RT -Aquifers
- Geology
- Groundwater
- Groundwater sources
- Lakes
- Oceans
- Precipitation (atmospheric)
- Rivers
- Salt water barriers
- Surface waters
- Water
- Watersheds (basins)
- Water table

Groundwater management 0808.1

- BT -Management
- Water management (applied)
- Water resources management
- RT Artesian water
- Field permeability tests
- Groundwater
- Groundwater depletion
- Groundwater mining
- Groundwater potential
- Groundwater quality
- Groundwater recharge
- Observation wells
- Water conservation

Groundwater mining 0808.1 0809

- BT -Mining
- RT Artesian aquifers
- Artesian water
- Depletion
- Groundwater
- Groundwater depletion
- Groundwater management
- Groundwater movement
- Hydrologic models
- Land subsidence
- Overdraft
- Prescriptive rights
- Pumping
- Recharge
- Water management (applied)
- Water resources management
- Water utilization
- Water wells
- Withdrawal

Groundwater mounds 0808.1

- RT Groundwater barriers

GROUNDWATER MOVEMENT

Groundwater mounds (Con.)

- Groundwater basins
- Groundwater potential
- Groundwater sources
- Lenses (soils)
- Subsurface moisture
- Water table

Groundwater movement 0808.1

- BT -Flow
- Movement
- Porous media flow
- RT Base flow
- Capillary conductivity
- Deep percolation
- Diffusion
- Discharge (water)
- Dispersion
- Dupuit-Forchheimer theory
- Flow nets
- Flow patterns
- Groundwater
- Groundwater barriers
- Groundwater depletion
- Groundwater flow
- Groundwater mining
- Groundwater recharge
- Head losses
- Hydraulic conductivity
- Hydrologic models
- Infiltration
- Laplace equation
- Mine drainage
- Percolation
- Permeability
- Permeability coefficients
- Potential flow
- Pumping
- Resistance networks
- Runoff
- Saturated flow
- Sediments
- Seepage
- Soil moisture movement
- Soil water movement
- Springs (water)
- Subsurface flow
- Subsurface runoff
- Theis equation
- Thiemes equation
- Transients
- Transmissibility coefficient
- Transmissivity
- Underseepage
- Unsteady flow
- Water level fluctuations
- Zone of saturation

Groundwater potential 0808.1

- RT Artesian aquifers
- Artesian wells
- Groundwater barriers
- Groundwater basins
- Groundwater depletion
- Groundwater geology
- Groundwater management
- Groundwater mounds
- Groundwater sources
- Underground streams
- Water
- Water holes
- Water sources

Groundwater quality 0808.1

- RT Brackish water
- Groundwater
- Groundwater management
- Groundwater sources
- Saline water
- Saline water intrusion
- Waste disposal
- Water analysis
- Water pollution
- Water pollution sources
- Water quality
- Water quality control
- Water sampling
- Water sources

Groundwater recharge 0808.1

- UF Groundwater spreading
- Recharge (groundwater)
- BT -Recharge
- RT -Aquifers
- Artificial recharge
- Drainage systems
- Flooding
- Groundwater
- Groundwater depletion
- Groundwater flow

Groundwater management

- Groundwater movement
- Groundwater sources
- Hydrologic models
- Induced infiltration
- Infiltration
- Injection
- Injection wells
- Leaching
- Natural recharge
- Percolation
- Phreatic water
- Pit recharge
- Recharge wells
- Saline water intrusion
- Salt water barriers
- Seepage
- Spreading basins
- Two-part aquifers
- Underground water storage
- Water level fluctuations
- Water management (applied)
- Water resources management
- Water salvage
- Water sources

Groundwater reservoirs

USE Aquifers

Groundwater sources 0808.1

- NT Antecedent precipitation
- Drizzle
- Effective precipitation
- Excessive precipitation
- Firn
- Hail
- Influent streams
- Orographic precipitation
- Precipitation (atmospheric)
- Rain
- Snow
- RT -Aquifers
- Artesian water
- Groundwater
- Groundwater basins
- Groundwater hydrology
- Groundwater mounds
- Groundwater potential
- Groundwater quality
- Groundwater recharge
- Hydrologic cycle
- Infiltration
- Injection wells
- Percolation
- Recharge wells
- Saline groundwater
- Specific yield
- Water management (applied)
- Water resources management
- Water sources
- Water supply forecasting
- Water table
- Zone of saturation

Groundwater spreading

USE Groundwater recharge

Groundwater surface

USE Phreatic lines

Groundwater-surface relationships

USE Surface-groundwater relationships

Group dynamics 0510

- BT -Dynamics
- RT Industrial relations
- Management
- Management planning
- Management training
- Organizations
- Personnel management
- Problem solving
- Psychology
- Social behavior
- Social sciences
- Sociology

Grout curtains 1313.6

- BT -Curtains
- RT Blanket grouting
- Cement grouts
- Chemical grouts
- Construction
- Cutoffs
- Dam foundations
- Grouting
- Grouting pressure
- Grout stops
- Grout take

- Leakage
- Reservoir leakage
- Sealants
- Seepage
- Seepage control
- Seepage losses

Grouting 1315

- UF Foundation grouting
- Injection grouting
- NT Blanket grouting
- RT Caulking
- Cement grouts
- Cements
- Chemical grouts
- Chemicals
- Clays
- Concrete placing
- Construction
- Cutoffs
- Dam construction
- Dam design
- Dam foundations
- Dry pack mortar
- Earth dams
- Expansive clays
- Foundations
- Galleries
- Grout curtains
- Grouting pressure
- Grout stops
- Grout take
- Injection
- Leakage
- Mining
- Mortars
- Mud
- Mudjacking
- Packers (grouting)
- Prepacked concrete
- Reservoir leakage
- Rock foundations
- Sealants
- Seepage
- Seepage control
- Tunnel linings
- Tunnel supports
- Unlined tunnels
- Uplift pressure
- Watertight

Grouting pressure 1315

- BT -Pressure
- RT Blanket grouting
- Grout curtains
- Grouting
- Grout stops
- Grout take
- Hydraulic pressure
- Packers (grouting)
- Uplift pressure
- Watertight

Grout stops 1303

- RT Caulking
- Cracks
- Grout curtains
- Grouting
- Grouting pressure
- Grout take
- Leakage
- Packers (grouting)

Grout take 1315

- RT Blanket grouting
- Grout curtains
- Grouting
- Grouting pressure
- Grout stops

Growing period 0204

- RT -Climatology
- Consumptive use (water)
- Crop response
- Degree days
- Environmental effects
- Evapotranspiration
- Germination
- Growth rates
- Growth stages
- Metabolism
- Period of growth
- Plant growth
- Plant morphology
- Plant physiology
- Productivity
- Seasonal
- Temperature
- Time

Growth 0607

- NT Crystal growth
- Economic growth
- Plant growth
- Veg. regrowth
- Weed growth
- RT -Expansion
- Shrinkage
- Swelling
- Viability

Growth (plant)

USE Plant growth

Growth chambers 0203

- RT -Environments
- Greenhouses

Growth rates 0616

- BT -Rates
- RT Aging (biological)
- Crop response
- Crystal growth
- Dendrochronology
- Environmental effects
- Growing period
- Growth stages
- Life cycles
- Life expectancy
- Life history studies
- Period of growth
- Plant growth
- Population
- Population growth
- Productivity
- Size

Growth stages 0616

- UF Stages of growth
- NT Ammocoetes
- Bird eggs
- Diapause
- Eggs
- Embryonic growth stage
- Fish eggs
- Fry
- Immature growth stage
- Insect eggs
- Juvenile growth stage
- Larvae
- Larval growth stage
- Mature growth stage
- Sexual maturity
- RT Age
- Aging (biological)
- Animal physiology
- Crop response
- Environmental effects
- Fish physiology
- Forage palatability
- Germination
- Growing period
- Growth rates
- Life cycles
- Life expectancy
- Life history studies
- Metabolism
- Period of growth
- Phenology
- Plant growth
- Plant morphology
- Plant physiology
- Rates of application
- Root development
- Root distribution
- Root systems
- Size
- Time
- Timing

Guarantees 0504.1

- RT -Contracts
- Purchasing
- Supply
- Supply contracts

Guide vanes 2004

- BT -Vanes
- RT Aerodynamics
- Fins
- Hydraulic turbines
- Stability
- Stators
- Turbine parts

Guide walls 1313.1

- BT -Walls
- RT Chutes
- Flow control

THESAURUS OF TERMS

HARBORS

Guide walls (Con.)

- Flow deflectors
- Headwalls
- Outlet works
- Spillway approach
- Spillways
- Stilling basins
- Training walls
- Transitions (structures)

Gulfs 0806

- BT -Bodies of water
- Land forms
- Surface waters
- RT -Aquatic habitats
- Bays (topographic feat.res)
- Estuaries
- Sea water
- Water

Gullies 0806

- BT -Land forms
- RT Arroyos
- Canyons
- Ditches
- Erosion
- Gully erosion
- Guts
- Ravines
- Streams
- Was'touts

Gulls 0603.2

- BT -Animals
- Aquatic life
- Birds
- Non-game birds
- Water birds
- Wildlife
- RT -Migratory birds

Gully erosion 0807

- UF Gullying
- BT -Erosion
- RT Arroyos
- Channel erosion
- Channels
- Cuts
- Cutting
- Ditches
- Erosion control
- Gullies
- Ravines
- Rill erosion
- Soil erosion
- Stream erosion

Gullying

- USE Gully erosion

Gumbo 0807

- BT -Earth materials
- Materials
- Soils
- Soil types
- RT -Clays
- Mud

Gunite

- USE Shotcrete

Gusset plates 1313.5

- BT -Plates
- Steel plates
- RT -Fasteners
- Flat plates
- Frames
- Joints (connections)
- Riveting
- Structural steel
- Trusses

Gusts 0402

- BT -Wind (meteorology)
- RT Blizzards
- Cyclones
- Hurricanes
- Storms
- Surges
- Thunderstorms
- Tornadoes
- Turbulence
- Typhoons
- Wind bracing
- Windbreaks
- Wind erosion
- Wind speed
- Wind velocity

Guts 0806

- RT -Channels
- Gullies
- Ravines
- Streams
- Tidal marshes

Guttation

- USE Exudation

Gutters

- USE Drains

Guyed towers 1313.5

- BT -Towers
- RT Aluminum towers
- Anchored towers
- Cables
- Stay lines
- Transmission lines
- Transmission towers
- Wire

Guy lines

- USE Stay lines

Gymnosperms 0603.1

- BT -Plants (botany)
- NT Balsam fir trees
- Bristlecone pine trees
- Coniferous trees
- Conifers
- Douglas fir trees
- Fir trees
- Grand fir trees
- Hemlock trees
- Jack pine trees
- Juniper trees
- Loblolly pine trees
- Lodgepole pine trees
- Noble fir trees
- Pacific silver fir trees
- Pine trees
- Pinyon pine trees
- Ponderosa pine trees
- Red fir trees
- Red pine trees
- Scotch pine trees
- White-cedar trees
- White fir trees
- White pine trees
- Yellow pine trees
- RT Coniferous forests

Gypsum 0807

- BT -Calcium compounds
- Calcium sulfate
- Inorganic compounds
- Minerals
- Sulfates
- Sulfur compounds
- RT Anhydrite
- Mortars
- Plaster
- Sedimentary rocks
- Sinkholes
- Sinks
- Soluble rocks
- Soluble salts

Gypsum moisture blocks

- USE Bouyoucos blocks

Gyroscopes 1707

- BT -Instrumentation
- RT -Stabilization

H

Habitat improvement 0606

- BT -Wildlife management
- RT Fish and wildlife
- Food and cover crops
- Marsh management
- Watershed management
- Wildlife
- Wildlife conservation
- Wildlife habitats

Habitats 0606

- BT -Environments
- NT -Aquatic habitats
- Deep-water habitats

- Overwintering sites
- Terrestrial habitats
- Wildlife habitats
- RT -Animal behavior
- Autogenic succession
- Behavior
- Biological communities
- Biology
- Biomes
- Burrows
- Drainage effects
- Early impoundment
- Ecology
- Environmental effects
- Food and cover crops
- Highway effects
- Man
- Nesting cover
- Niches
- Post-impoundment
- Pre-impoundment
- Radioactivity effects
- Shallow water
- Shore-line cover
- Sites
- Social behavior
- Succession
- Wildlife conservation

Hail 0402

- UF Hailstones
- Ice stones
- BT -Groundwater sources
- Ice
- Precipitation (atmospheric)
- RT Cumulonimbus clouds
- Freezing
- Graupel
- Hydrometeorology
- Storms

Hailstones

- USE Hail

Haines apparatus 1402

- RT Richards apparatus

Half life 1808

- RT -Decomposition
- Geiger counters
- Nuclear reactions
- Radioactive dating
- Radioactive decay
- Radioactivity
- Radioisotopes

Halides 0702

- BT -Chemical compounds
- Inorganic compounds
- NT Calcium chloride
- Chlorides
- Fluorides
- Sodium chloride
- RT Bromine
- Chlorine compounds
- Cloud seeding
- Fluorine compounds

Halogenated pesticides 0606

- BT -Organic pesticides
- Pesticides
- NT Aldrin
- Chlorinated hydrocarbon pesticides
- 2,4-D
- Dalapon
- DDT
- 2,6-Dichlobenil
- Dieldrin
- Diquat
- Endrin
- Heptachlor
- Monuron
- 2,4,5-T

Halogens 0702

- BT -Chemical elements
- Nonmetals
- NT Bromine
- Chlorine
- Fluorine

Halogeton 0204

- BT -Crops
- Dicots
- Horticultural crops
- Phreatophytes
- Plants (botany)
- Weeds

RT Poisonous plants

Halophilic animals 0603.2

- RT -Animals
- RT Animal groupings
- Arid lands
- Salt tolerance
- Seashores

Halophilic plants

- USE Halophytes

Halophytes 0603.1

- UF Halophilic plants
- BT -Plants (botany)
- RT -Alkaline soils
- Arid lands
- Desert plants
- Dune succession
- Plant groupings
- Saline soils
- Salt tolerance
- Seashores
- Xerophytes

Hammers 1309

- NT Chipping hammers
- RT Hand tools
- Nails
- Pile driving
- Pile-driving formulas
- Piles (foundations)
- Presses

Hand augers 1309

- BT -Augers
- Drilling equipment
- Drills
- RT Auger borings
- Borings
- Foundation investigations
- Hand tools
- Sampling
- Soil investigations
- Soil samplers

Handling equipment 1309

- UF Fork lift
- Pallets
- RT -Cranes (hoists)
- Hoisting machinery
- Materials handling equipment
- Overhead cranes

Hand tools 1309

- RT -Augers
- Dies
- Drills
- Hammers
- Hand augers
- Jacks (mechanical)
- Machine tools
- Reamers
- Saws
- Shovels
- Wrenches

Harbors 1313

- BT -Navigable waters
- RT -Bodies of water
- Breakwaters
- Coastal engineering
- Coastal structures
- Coasts
- Docks
- Engineering structures
- Excavation
- Gabions
- Inland waterways
- Inlets (waterways)
- Jetties
- Lighthouses
- Marinas
- Marine engineering
- Mooring
- Navigation
- Port authorities
- Ports
- Rapid excavation
- Rivers
- Rubble mounds
- Sea walls
- Shore protection
- Transportation
- Underwater excavation
- Underwater explosions

Hardeners

- USE Hardening

HARDENING

Hardening 1308

- UF Hardeners
- NT Strain hardening
- RT Aging (physical)
- Annealing
- Coagulation
- Curing
- Hardness
- Hard surfacing
- Heat treatment
- Initial set
- Mechanical properties
- Microstructure
- Processing
- Quenching
- Setting (materials)
- Solidification
- Steam curing
- Stiffening
- Surface properties
- Surfacing

Hardness 1407

- BT -Mechanical properties
- Physical properties
- RT Abrasion resistance
- Brittleness
- Consistency
- Ductility
- Fatigue (materials)
- Hardening
- Hardness tests
- Impact tests
- Magnetic properties
- Penetration resistance
- Ripping
- Rock properties
- Tensile properties
- Toughness
- Wear resistance
- Workability

Hardness (water) 0704

- BT -Chemical properties
- RT Calcium
- Calcium carbonate
- Calcium compounds
- Carbonates
- Detergents
- Impaired water quality
- Salts
- Scaling
- Soaps
- Water properties
- Water quality
- Water softening

Hardness tests 1402

- BT -Materials tests
- Metal tests
- Tests
- RT Abrasion resistance
- Acceptance tests
- Compression tests
- Hardness
- Impact tests
- Static tests
- Tension tests
- Wear resistance

Hardpan 0807

- BT -Soils
- Soil types
- RT Caliche
- Clays
- Cohesive soils
- Impervious soils

Hard surfacing 1308

- BT -Surfacing
- RT Anodizing
- Coatings
- Hardening
- Heat treatment
- Plating
- Protective coatings
- Runways
- Surfaces
- Welding

Hardware (computer)

- USE Computer systems hardware

Hardwood 0206.1112

- BT -Building materials
- Materials
- Wood
- RT Coniferous forests
- Coniferous trees

Deciduous forests

- Deciduous trees
- Forests
- Lumber
- Trees

Harmonic analysis

- USE Fourier analysis

Harmonics 2014

- RT -Acoustics
- Frequency
- Hydrodynamic pressure
- Low frequency
- Natural frequency
- Nodes
- Phase control
- Resonance
- Standing waves
- Vibration
- Wavelength
- Waves

Harvesting 0204

- NT Water harvesting
- RT Crop production
- Crops
- Farm equipment
- Farm management
- Fish harvest
- Harvesting of algae
- Standing crop

Harvesting of algae 0613

- RT -Aquatic algae
- Biomass
- Harvesting
- Productivity

Hatching 0603.2

- RT Bird eggs
- Broods
- Clutch (biology)
- Eggs
- Incubation
- Nesting
- Nests

Hauling 1306

- RT -Construction equipment
- Conveyances
- Conveyors
- Earth handling equipment
- Earthmoving
- Materials handling
- Overhaul
- Trafficability

Hawaii 0806

- BT -Geographical regions
- Islands
- States (geographical)

Hay 0204

- BT -Agronomic crops
- Crops
- Feeds
- Field crops
- Plants (botany)
- RT Alfalfa
- Bluegrasses
- Bromegrass
- Clovers
- Forages
- Grasses
- Kentucky bluegrass
- Legumes
- Orchardgrass
- Red clover
- Straw
- Switchgrass

Hazards 1312

- NT Radiation hazards
- RT -Accidents
- Damages
- Drowning
- Explosions
- Explosives
- Fires
- Forest fires
- Liabilities
- Losses
- Pesticide residues
- Poisons
- Radiation effects
- Radioactive contamination
- Radioactive wastes
- Safety

Toxic waste disposal

- Warning systems

Haze 0402

- RT Air pollution effects
- Ceilings (meteorology)
- Cirrus clouds
- Clouds
- Cumulus clouds
- Dust
- Fog
- Mist
- Smog
- Stratus clouds
- Turbidity
- Visibility

Hazen-Williams equation 2004

- BT -Equations
- RT Discharge measurement
- Flow
- Hydraulic gradient
- Hydraulic radius
- Mannings equation
- Pipes
- Roughness coefficient

Head (fluid mechanics) 2004

- NT High head
- Low head
- Power head
- Pressure head
- Velocity head
- RT Elevation
- Fluid flow
- Head losses
- Hydraulic gradient
- Hydraulics
- Hydrostatic pressure
- Hydrostatics

Head gates

- USE Turnout gates

Head losses 2004

- BT -Losses
- RT Bellmouths
- Coefficients
- Darcys law
- Darcy-Weisbach equation
- Energy dissipation
- Energy gradient
- Energy losses
- Entrances (fluid flow)
- Flow
- Fluid flow
- Fluid friction
- Friction
- Friction coefficient (hydraulic)
- Gradients
- Groundwater movement
- Head (fluid mechanics)
- Hydraulic design
- Hydraulic gradient
- Hydraulic radius
- Hydraulics
- Hydrodynamics
- Hydrostatics
- Kutter formula
- Leakage
- Manifolds
- Piezometers
- Pipe bends
- Pipe fittings
- Plug valves
- Pressure
- Pressure head
- Propeller meters
- Relative roughness
- Roughness (hydraulic)
- Roughness coefficient
- Seepage losses
- Tee losses
- Unlined tunnels
- Water tunnels (testing)
- Wye branches

Headwalls 1313.1

- BT -Walls
- RT Aprons
- Canals
- Culverts
- Flow control
- Flumes
- Guide walls
- Headworks
- Intakes
- Intake structures
- Outlets

-Outlet works

- Training walls
- Wave suppressors

Headwater catfish

- USE Catfishes

Headwaters 0808

- RT Drainage basins
- Rivers
- Streams
- Upstream
- Watersheds (basins)

Headworks 1313.1

- BT -Engineering structures
- Hydraulic structures
- RT Aprons
- Canals
- Diversion dams
- Diversion works
- Entrances (fluid flow)
- Fish screens
- Flow
- Flow control
- Gates
- Headwalls
- Hydraulic engineering
- Hydraulic gates
- Intakes
- Intake structures
- Outlets
- Outlet works
- Overflow
- Training walls
- Water

Health 0616

- NT Public health
- RT Insurance costs
- Medicine
- Radiation hazards
- Safety
- Sanitation

Heat 2013

- BT -Energy
- NT Latent heat
- Waste heat
- RT Adiabatic
- Air temperature
- Calorimeters
- Convection
- Energy balance
- Enthalpy
- Entropy
- Heat balance
- Heat budget
- Heaters
- Heat flow
- Heating
- Heating plants
- Heat of hydration
- Heat pumps
- Heat resistance (biological)
- Heat resistance (materials)
- Heat transfer
- Heat transfer coefficient
- Heat transmission
- Heat treatment
- High temperature
- Induction heating
- Infrared radiation
- Preheating
- Steam tables
- Temperature
- Thermal energy
- Thermal pollution
- Thermal power
- Thermal properties
- Thermal radiation
- Thermodynamics
- Thermoelectricity

Heat balance 2013

- UF Heat loss
- RT Boilers
- Climatic changes
- Cooling
- Energy balance
- Evaporation
- Heat
- Heat budget
- Heat flow
- Heating
- Heat transfer
- Losses
- Seasonal
- Temperature

THESAURUS OF WATER RESOURCES TERMS

THESAURUS OF TERMS

Heat balance (Con.)

Thermoperiodism

Heat budget 2013

UF Thermal budget
BT -Budgets
RT Aestivation
-Cycles
Energy balance
-Environments
-Heat
Heat balance
Heat flow
Heat transfer
Heat transmission
Physiological ecology
Seasonal
-Temperature
Thermal capacity
Thermal stratification

Heat conduction

USE Thermal conductivity

Heat conductivity

USE Thermal conductivity

Heat convection

USE Thermal conductivity

Heated water 0704

BT -Water types
RT Boiler feed water
Boilers
Cooling towers
Steam
-Temperature
Thermal pollution
Thermal power
Thermal water
Waste water (pollution)
Water pollution sources
Water temperature

Heaters 1301

UF Heating elements
RT Air conditioning
Boilers
Fuels
-Furnaces
-Heat
Heating plants
Heat transk
-Insulation
Ovens

Heat exchange

USE Heat transfer

Heat exchangers 1301

UF Heat exchanging
RT Boilers
Condensers (liquefiers)
Cooling systems
Desalination apparatus
-Distillation
Fins
-Heating
Heating plants
Heat transfer
Heat transmission
Piping systems (mechanical)
Preheating
-Temperature
Water cooling

Heat exchanging

USE Heat exchangers

Heat expansion

USE Thermal expansion

Heat flow 2013

RT Density currents
Energy balance
Forced drying
-Geothermal studies
-Heat
Heat balance
Heat budget
Heat transfer
Radiators
-Temperature
Thermal conductivity
-Thermal properties

Heating 1301

BT -Transport phenomena
NT Induction heating

RT Ablation

Accelerating (chemistry)
Air circulation
Anteicing
Boiling
Calcification
Coils
Conduction
Convection
-Cooling
Deicers
Deicing
Ducts
-Environmental engineering
-Evaporation
Frost protection
-Furnaces
-Heat
Heat balance
Heat exchangers
Heating plants
Heat transfer
Heat transfer coefficient
-Heat treatment
Ice prevention
Melting
-Metalwork
Precooling
Preheating
-Radiation
Radiators
Snow removal
Soaking
Temperature control
Thawing
-Thermal analysis
-Thermal properties
Thermal stress
-Vaporization
Vortex tubes

Heating elements

USE Heaters

Heating plants 1301

RT Air conditioning
Boilers
-Furnaces
-Heat
Heaters
Heat exchangers
-Heating
Heat pumps
Ovens
Piping systems (mechanical)
Radiators
Temperature control
Thermal insulation

Heat loss

USE Heat balance

Heat of hydration 0704 2013

UF Hydration (heat)
BT -Chemical properties
-Energy
-Physical properties
-Thermal properties
RT -Chemical reactions
Concrete properties
-Heat
Hydration
Low heat cements
-Soil moisture
-Thermodynamics

Heat pollution

USE Thermal pollution

Heat properties

USE Thermal properties

Heat pumps 1301

RT Air conditioning
Cooling systems
-Heat
Heating plants
Heat transfer
-Temperature
Thermal energy

Heat radiation

USE Thermal radiation

Heat resistance (biological) 0619

BT -Biological properties
RT Aestivation
Drought resistance
-Environmental effects

-Heat

-Hot winds
Physiological ecology
Solar radiation
Sweat
-Temperature
-Tolerances (plant)
Willing

Heat resistance (materials) 2013

BT -Physical properties
-Thermal properties
RT -Freezing
-Heat
Heat resistant alloys
Heat transfer
High temperature
-Refractory metals
-Temperature
Thermal conductivity
Thermal decomposition
Thermal insulation
Thermal stress
-Thermodynamics

Heat resistant alloys 1106

NT Molybdenum alloys
Niobium alloys
Titanium alloys
Tungsten alloys
RT Chromium alloys
Cobalt alloys
Heat resistance (materials)
Nickel alloys
-Refractory metals

Heat transfer 2013

UF Heat exchange
BT -Energy transfer
-Physical properties
-Thermodynamics
-Transfer
-Transport phenomena
RT Adiabatic
Advection
Conduction
Convection
-Cooling
Energy balance
Fins
-Freezing
Frost action
-Heat
Heat balance
Heat budget
Heaters
Heat exchangers
Heat flow
-Heating
Heat pumps
Heat resistance (materials)
Heat transfer coefficient
Heat transmission
High temperature
Potential evaporation
Precooling
Preheating
Refrigeration
-Temperature
Thermal conductivity
Thermal diffusion
Thermal expansion
Thermal gradient
Thermal insulation
-Thermal properties
Thermal radiation
Thermodynamic behavior
Waste heat

Heat transfer coefficient 2013

BT -Coefficients
RT -Heat
-Heating
Heat transfer
Heat transmission
-Thermal properties

Heat transmission 2013

RT Conduction
Convection
-Fluid flow
-Heat
Heat budget
Heat exchangers
Heat transfer
Heat transfer coefficient
Potential flow
Steady flow
Thermal diffusion

HELICOPTERS

Thermal insulation

-Thermal properties
Uniform flow
-Unsteady flow

Heat treatment 1308

BT -Treatment
NT Annealing
Stress relieving
RT -Finishing
-Furnaces
-Hardening
Hard surfacing
-Heat
-Heating
Metallurgy
Metals treatment
Microstructure
Nucleation
-Nuclei
Preheating

Heaving 1407

NT Frost heaving
RT Bending
Buckling
-Climatology
-Deformation
Displacements
Distortion (structural)
-Environmental effects
-Expansion
-Expansive clays
-Expansive forces
-Expansive soils
Faults (geology)
-Freezing
Frost action
-Frozen soils
Microenvironment
Soil mechanics
-Soil moisture
-Soil physical properties
Swelling
Swelling pressure
Tunnel failure
Tunneling
-Volume change

Heavy media separation 1308

BT -Beneficiation
-Separation
-Separation techniques
RT -Aggregates
-Concrete technology
-Processing

Heavy metals 1106

BT -Chemical elements
-Metals
NT Lead (element)
RT Chemical wastes
Lead alloys
Lead radioisotopes
Water pollution sources

Heavy water 1802

BT -Water
-Water types
RT Deuterium

Height 1407

BT -Dimensions
RT Altitude
Depth
Distance
Elevation
Hydraulic pressure
Hypsometric analysis
Length
-Plant growth
Pressure head
Specific head
Stream gages
Thickness
Thinness
Vertical migration
-Water table
Wind profiles

Helicopters 0103

BT -Aircraft
RT Aeronautics
-Construction
-Maintenance
-Transmission lines
-Transportation

HELIUM

THESAURUS OF WATER RESOURCES TERMS

Helium 0702

- BT —Chemical elements
- Gases
- Inert gases
- Nonmetals

Helixes 1409

- BT —Curves
- Geometric shapes
- RT —Circles (geometry)
- Geometry
- Spirals

Hemlock trees 0603.1

- UF Tsuga species
- BT —Coniferous trees
- Conifers
- Gymnosperms
- Plants (botany)
- Trees
- RT Coniferous forests

Heptachlor 0606

- BT —Chemicals
- Chlorinated hydrocarbon pesticides
- Halogenated pesticides
- Insecticides
- Organic compounds
- Organic pesticides
- Pesticides

Herbicides 0606

- UF Silvicides
- Weedicides
- BT —Chemicals
- Pesticides
- Poisons
- NT Aminotriazole
- 2,4-D
- Daflapon
- 2,6-Dichlorobenil
- Diquat
- Mohuron
- Paraquat
- Post-emergents
- Pre-emergents
- 2,4,5-T
- RT Antibiotics (pesticides)
- Aquatic weed control
- Brush control
- Defoliant
- Plant growth regulators
- Plants (botany)
- Tolerances (plant)
- Urea pesticides
- Weed control

Herbivores 0603.2

- BT —Animals
- NT Forage fish
- RT Food chains
- Niches
- Trophic level
- Vegetation

Herrings 0603.2

- UF Clupeidae
- BT —Animals
- Aquatic animals
- Aquatic life
- Fish
- Wildlife
- NT Atlantic menhaden
- Cisco
- RT —Freshwater fish
- Marine fish

Heterogeneity 1407

- RT Homogeneity
- Impurities
- Mixtures
- Variability

Hexadecanol 0703

- BT —Alcohols
- Chemical compounds
- Fatty alcohols
- Organic compounds
- RT Evaporation control
- Evaporation retardants
- Monomolecular films
- Octadecanol

Hickory trees 0603.1

- BT —Crops
- Deciduous trees
- Dicots
- Fruit crops

- Horticultural crops
- Plants (botany)
- Stone fruits
- Trees

High-bond reinforcing bars 1303

- BT —Construction materials
- Reinforcing materials
- Reinforcing steels
- RT Bonding
- Bonding strength
- Bond tests
- Deformed bars
- Reinforced concrete
- Reinforcement
- Steel
- Structural steel

High explosives 1901

- RT —Construction
- Drilling
- Excavation
- Explosions
- Powders
- Quarrying
- Rock excavation
- Seismic prospecting
- Seismic studies
- Tunnel construction

High frequency 2014

- BT —Frequency
- RT Radios
- Radio signals
- Radio waves

High head 1407

- BT —Head (fluid mechanics)
- RT —Fluid flow
- Francis turbines
- High pressure
- High pressure gates
- High pressure valves
- Hydraulic gradient
- Hydraulic machinery
- Hydraulic turbines
- Impulse turbines
- Pensiocks
- Plunge basins
- Pumps
- Pump turbines
- Reaction turbines
- Reversible turbines
- Water hammer

High pressure 1407

- BT —Pressure
- RT High head
- High pressure gates
- High pressure valves
- Hydraulic pressure
- Low pressure
- Reciprocating pumps

High pressure areas

- USE Anticyclones

High pressure gates 1313.7

- BT —Gates
- Hydraulic equipment
- Hydraulic gates
- RT Fixed wheel gates
- Fluid mechanics
- High head
- High pressure
- Hoisting machinery
- Hydraulic pressure
- Hydraulics
- Hydroelectric powerplants
- Outlet works

High pressure valves 1311

- BT —Hydraulic equipment
- Valves
- RT High head
- High pressure
- Hollow jet valves
- Hydraulic pressure
- Hydraulic valves
- Hydroelectric powerplants
- Needle valves
- Outlet works
- Plug valves
- Relief valves

High speed cameras

- USE High speed photography

High speed photography 1405

- UF Cameras (high speed)
- High speed cameras
- Schlieren effect
- BT —Photography
- RT Aerial photography
- Cameras
- Films
- Photographic analysis
- Photographic equipment
- Photographs

High strength concretes 1303.1

- BT —Building materials
- Concretes
- Construction materials
- RT —Concrete technology
- Posttensioning
- Prestressed concrete
- Reinforced concrete
- Structural concrete
- Structural design
- Thin shell structures

High strength steels 1106

- BT —Alloys
- Chemical elements
- Iron alloys
- Materials
- Metals
- Steel
- RT Carbon alloys
- Carbon steels
- Concrete structures
- Construction materials
- Low alloy steels
- Low carbon steel
- Mechanical properties
- Prestressed steel
- Reinforcing steels
- Steel pipes
- Steel structures
- Strength
- Structural design
- Structural steel
- Yield point
- Yield strength

High temperature 1407

- BT —Temperature
- RT —Heat
- Heat resistance (materials)
- Heat transfer
- High temperature research
- Hot springs
- Hot winds
- Low temperature
- Plasma physics
- Temperate
- Temperature rise
- Thermal energy
- Thermal properties
- Thermal radiation
- Thermometers
- Tropical regions

High temperature research 1406

- UF High temperature tests
- BT —Environmental tests
- Materials tests
- Research and development
- RT Creep tests
- Fatigue tests
- High temperature
- Linear expansion
- Metal tests
- Plasma physics
- Shear tests
- Temperate
- Temperature
- Tension tests
- Thermal conductivity
- Thermal expansion
- Thermal properties
- Thermal radiation
- Thermal stress
- Thermodynamic behavior

High temperature tests

- USE High temperature research

High velocity 1407

- BT —Velocity
- RT Canal design
- Channel flow
- Critical flow
- Design flow
- Jets
- River flow

- Streamflow
- Supercritical flow
- Turbulent flow

High voltage 2003

- BT —Electric potential
- RT Impulse tests (electrical)
- Transmission (electrical)
- Transmission lines

High water mark 0504.1

- RT Banks
- Boundaries (property)
- Ownership of beds
- Seashores
- Streamflow
- Tidal waters
- Watercourses (legal)
- Water level fluctuations

Highway beautification 1302.4

- BT —Beautification
- RT Aesthetics
- Creativity
- Highway bridges
- Highway engineering
- Highways
- Landscaping
- Planting management
- Public land
- Scenic highways
- Seeding
- Shrubs
- Vegetation establishment

Highway bridges 1313.5

- BT —Bridges (structures)
- Engineering structures
- RT Abutments
- Arch bridges
- Arch trusses
- Bailey bridges
- Bascule bridges
- Bridge construction
- Bridge decks
- Bridge design
- Bridge piers
- Highway beautification
- Highway engineering
- Highways
- Railroad bridges
- Roads
- Suspension bridges
- Truss bridges
- Wooden bridges

Highway effects 1302.4

- BT —Effects
- Environmental effects
- RT Ecological distribution
- Ecology
- Habitats
- Highways
- Wildlife

Highway engineering 1302.4

- BT —Civil engineering
- Engineering
- RT Access roads
- Access routes
- Alignment
- Base courses
- Bridge decks
- Bridges (structures)
- Crossings
- Culverts
- Drainage
- Flexible pavements
- Highway beautification
- Highway bridges
- Highway relocation
- Highways
- Pavements
- Paving
- Right-of-way
- Roadbanks
- Road construction
- Road design
- Roads
- Surveying
- Trigonometry
- Vehicular tunnels

Highway icing 1302.4

- RT —Freezing
- Highways
- Ice
- Ice formation
- Seepage

THESAURUS OF TERMS

Highway icing (Con.)

Steel

Highway relocation 1302.4

- BT -Relocation
- RT Access routes
- Highway engineering
- Highways
- Paving
- Right-of-way
- Road construction

Highways 1302.4

- UF Expressways
- BT -Roads
- NT Scenic highways
- RT Access roads
- Access routes
- Base courses
- Berms
- Bridge decks
- City planning
- Concrete pavements
- Crossings
- Curves
- Embankments
- Flexible pavements
- Highway beautification
- Highway bridges
- Highway effects
- Highway engineering
- Highway icing
- Highway relocation
- Horizontal curves
- Landscaping
- Lighting
- Pavements
- Paving
- Railroads
- Roadbanks
- Road construction
- Road design
- Streets
- Subbase
- Subgrade
- Transportation
- Vegetation establishment
- Vehicular tunnels

Hirsch tubes

USE Vortex tubes

Hinged structures 1313.5

- BT -Structures
- RT Flexibility
- Flexible couplings
- Hinges
- Lock gates
- Motor gates
- P-n connected joints
- Pins (mechanical)

Hinges 1313.5

- RT Connector (mechanical)
- Fasteners
- Hinged structures
- Joints (connections)
- Pin connected joints

Histograms 1201

- BT -Analysis
- Statistical analysis
- RT -Mathematical analysis

Historic flood 0808

- BT -Floods
- RT Flood damage

History 0504

- BT -Social sciences
- RT Archaeology
- Biographies
- Census
- Dating
- Geologic time
- Life history studies
- Paleoclimatology
- Paleohydrology
- Paleolimnology
- Paleontology
- Paleosols
- Paleozoic era
- Palynology
- Phylogeny
- Planning
- Political science
- Records
- Reviews
- Sociology
- Time

Hodographs 1201

RT Graphical analysis

Hogs 0603.2

- UF Swine
- BT -Animals
- Domestic animals
- Livestock
- Mammals

Hoisting machinery 1309

- UF Derricks
- Gantry cranes
- Lifting machinery
- BT -Materials handling equipment
- NT Gate hoists
- RT Bulkhead gates
- Coaster gates
- Construction equipment
- Cranes (hoists)
- Elevators
- Fixed wheel gates
- Floodgates
- Gate control
- Handling equipment
- High pressure gates
- Hydraulic gates
- Intake gates
- Mechanical equipment
- Mines
- Overhead cranes
- Radial gates
- Roller gates
- Slide gates
- Sluice gates
- Spillway gates
- Traveling cranes

Holidays (coatings) 1103

- RT -Coatings
- Defects
- Protective coatings
- Voids

Hollow jet valves 1311

- BT -Hydraulic equipment
- Hydraulic valves
- Valves
- RT Butterfly valves
- Gate valves
- Globe valves
- High pressure valves
- Needle valves
- Plug valves
- Sieve valves

Homogeneity 1407

- RT Heterogeneity
- Standard deviation
- Variability
- Variation coefficients

Honeycombs

USE Cellular structures

Hook gages 1402

- BT -Gages
- Hydrologic instruments
- Instrumentation
- RT -Evapotranspiration
- Evapotranspirometers
- Water levels
- Water surface

Hooks 1305

- RT Connectors (mechanical)
- Fasteners
- Mechanical fasteners
- Pins (mechanical)

Hoop stress

USE Circumferential stress

Hoop tension 2011

- BT -Tension
- RT -Pipes
- Pressure conduits
- Pressure pipes
- Pressure tunnels
- Pressure vessels
- Rings
- Tanks (containers)
- Tensile stress

Hoppers 1304

- BT -Containers
- RT Bins
- Buckets

Hordeum vulgare

USE Barley

Horizontal curves 1302.4

- BT -Curves
- Geometric shapes
- RT -Circles (geometry)
- Geometry
- Highways
- Plane surveying
- Road design
- Roads
- Spirals

Horizontal drains 0808.1

- BT -Drains
- RT -Canals
- Concrete pipes
- Culverts
- Drainage
- Drainage systems
- Drain spacing
- Leaching
- Sand drains
- Storm drains
- Subsurface drains
- Tile drains
- Underdrains
- Vertical drains

Horizontal joints 1305

- BT -Joints (connections)
- RT -Construction joints
- Dowels
- Joint fillers
- Joints (geology)
- Keyways
- Lifts (construction)
- Masonry
- Water stops

Horizontal loads 2011

- BT -Loads (forces)
- RT Active pressure
- At rest pressure
- Earth pressure
- Earthquake loads
- Hydrostatic pressure
- Ice loads
- Ice pressure
- Lateral forces
- Load distribution
- Passive pressure
- Pile lateral loads
- Retaining walls
- Sheeting
- Surcharge
- Tie rods
- Total loads
- Walls
- Water pressure
- Wind bracing
- Wind pressure

Horticultural crops 0204

- BT -Crops
- Plants (botany)
- NT Alfalfa
- Alligatorweed
- Alsike clover
- Apples
- Ash trees
- Asparagus
- Beans
- Birch trees
- Black locust trees
- Blueberries
- Brush
- Cacti
- Carrots
- Chaparral
- Citrus fruits
- Clovers
- Cotton
- Cottonwoods
- Cranberries
- Crimson clover
- Dates
- Deciduous trees
- Fiber crops
- Forage legumes
- Fruit crops
- Grapefruit
- Halopetion
- Hickory trees
- Ladino clover
- Legumes
- Lemons
- Lespedeza

Hospitals

- Lettuce
 - Lilac
 - Limes
 - Macadamia
 - Maple trees
 - Melons
 - Mesquite
 - Nuts
 - Oak trees
 - Oilseed crops
 - Onions
 - Oranges
 - Orchards
 - Ornamentals
 - Peaches
 - Peanuts
 - Pecans
 - Pome fruits
 - Popcorn
 - Potatoes
 - Rabbitbush
 - Red clover
 - Sagebrush
 - Sago pondweed
 - Seepwillow
 - Shrubs
 - Snapdragons
 - Soybeans
 - Specialty crops
 - Stinging nettles
 - Stone fruits
 - Strawberries
 - Sugar beets
 - Sweet corn
 - Sweet potatoes
 - Sycamore trees
 - Tamarisk
 - Tobacco
 - Tomatoes
 - Tropical fruits
 - Vegetable crops
 - Vetch
 - Vine crops
 - Water hyacinth
 - White clover
 - Willow trees
 - RT -Agronomic crops
 - Crop response
 - Field crops
 - Frost protection
 - Horticulture
 - Industrial crops
 - Plant groupings
- Horticulture 0204**
- RT Agriculture
 - Agronomy
 - Horticultural crops
 - Plant breeding
 - Plant pathology
 - Plants (botany)
 - Turf grasses
 - Weed control
- Hose couplings**
- USE Hose fittings
- Hose fittings 1305**
- UF Couplings (hose)
 - Hose couplings
 - BT -Fittings
 - RT -Connectors (mechanical)
 - Couplings
 - Flexible couplings
 - Flexible pipes
 - Flexible tubing
 - Hoses
 - Pipe fittings
 - Piping systems (mechanical)
 - Plastic tubing
 - Rubber tubing
- Hoses 1311**
- RT Flexible pipes
 - Flexible tubing
 - Hose fittings
 - Nozzles
 - Pipes
 - Piping systems (mechanical)
 - Rubber tubing
 - Siphons
 - Tubes
- Hospitals 0612**
- RT -Buildings
 - Facilities
 - Medicine

HOSTS

THESAURUS OF WATER RESOURCES TERMS

Hosts 0603.2

- NT Intermediate hosts
- RT -Animal parasites
- Diseases
- Parasites
- Pathology

Hot film anemometers 1402

- BT -Anemometers
- Instrumentation
- Measuring instruments
- Meteorological instruments
- RT Air currents
- Flow measurement
- Fluid flow
- Hot wire anemometers
- Velocity meters
- Wind speed
- Wind velocity

Hot springs 0907

- BT -Running waters
- Springs (water)
- Thermal springs
- NT Geysers
- RT Geothermal powerplants
- Geothermal studies
- Groundwater
- High temperature
- Hydrogeology
- Juvenile water
- Lake bottom springs
- Mineral water
- Steam
- Thermal water
- Travertine
- Warm springs

Hot winds 0402

- NT Chinook
- RT Air temperature
- Dew point
- Heat resistance (biological)
- High temperature
- Land breezes
- Moisture content

Hot wire anemometers 1402

- BT -Anemometers
- Instrumentation
- Measuring instruments
- Meteorological instruments
- RT Air currents
- Flow measurement
- Fluid flow
- Hot film anemometers
- Velocity meters
- Wind speed
- Wind velocity

Houses

- USE Residences

Housings 1309

- RT -Bearings
- Casings
- Frames
- Protective coverings
- Shafts (machinery)
- Shielding

Human behavior 0510

- UF Behavior (human)
- Human reaction
- BT -Behavior
- RT -Animal behavior
- Applied psychology
- Attitudes
- Characteristics
- Fatigue (physiology)
- Human engineering
- Human resources
- Learning
- Man
- Motivation
- Psychology
- Public opinion
- Responsibilities
- Social aspects
- Social behavior

Human diseases 0605

- BT -Diseases
- NT Botulism
- RT -Enteric bacteria
- Environmental engineering
- Environmental sanitation
- Epidemics
- Epidemiology

Human pathology

- Pathology
- Public health
- Stream pollution
- Water pollution
- Zoonoses

Human engineering 0510

- RT Abilities
- Aesthetics
- Careers
- Education
- Efficiencies
- Environmental engineering
- Environments
- Fatigue (physiology)
- Human behavior
- Job analysis
- Learning
- Life expectancy
- Lighting
- Organizing
- Performance
- Personnel management
- Professional advancement
- Psychological aspects
- Psychology
- Systems engineering
- Time and motion studies
- Working conditions

Human pathology 0605

- BT -Pathology
- RT Animal pathology
- Diseases
- Epidemiology
- Human diseases
- Public health
- Zoonoses

Human population 0511

- BT -Population
- RT Man
- Sociology
- Urbanization

Human reaction

- USE Human behavior

Human resources 0511

- BT -Resources
- RT Abilities
- Economics
- Efficiencies
- Human behavior
- Labor supply
- Man
- Manpower
- Social aspects

Humates

- USE Humic acids

Humic acids 0703 0804

- UF Humates
- BT -Acids
- Chemicals
- RT -Decomposing organic matter
- Humus
- Organic clays
- Organic matter
- Organic silts
- Organic soils
- Peat
- Peat bog
- Turf

Humid areas 0806

- BT -Regions
- RT -Geochemistry
- Humid climates
- Humidity
- Laterites
- Rainfall
- Rain forests
- Subhumid areas
- Subhumid climates
- Tropic
- Weathering
- Wet climates

Humid climates 0402

- BT -Climate
- RT -Forests
- Gray-brown podzolic soils
- Humid areas
- Humidity
- Pedallers
- Podzols

Prairie soils

- Rain forests
- Red podzolic soils
- Subhumid climates
- Subtropic
- Supplemental irrigation
- Temperate
- Tropic
- Wet climates
- Yellow podzolic soils

Humidification

- USE Solar distillation

Humidity 1407

- BT -Moisture
- Moisture content
- RT Air conditioning
- Air environment
- Climatology
- Dew point
- Humid areas
- Humid climates
- Hydrometeorological station
- Hygrometry
- Hygroscopic water
- Liquid water content
- Meteorology
- Microenvironment
- Mist
- Precipitation (atmospheric)
- Psychrometrics
- Soil moisture
- Vapor pressure
- Water
- Water content
- Water vapor
- Weather

Humus 0807

- BT -Decomposing organic matter
- Organic matter
- RT -Bogs
- Degradation (decomposition)
- Forest soils
- Humic acids
- Leaves
- Loams
- Organic clays
- Organic silts
- Organic soils
- Peat
- Peat bog
- Soil components
- Soil formation
- Soil types
- Topsoil
- Tripton
- Wood wastes

Hunting 0511

- RT -Big game
- Fish and wildlife
- Game birds
- Recreation
- Small game
- Waterfowl
- Water sports
- Water utilization
- Wildlife

Hurricanes 0402

- BT -Storms
- Tropical cyclones
- RT Atmospheric pressure
- Clouds
- Cloud seeding
- Cumulonimbus clouds
- Cyclones
- Disasters
- Gusts
- Rain
- Surges
- Typhoons
- Warning systems
- Wind (meteorology)
- Wind velocity

Hyacinth (water)

- USE Water hyacinth

Hybrid beams 1313.5

- BT -Beams (structural)
- Structural members
- RT Composite beams
- Girders
- Laminated wood
- Laminates
- Plate girders

Hybrid computers 0902

- UF Analog-digital computers
- BT -Computers
- Electronic equipment
- RT Analog computers
- Analog
- Analog to digital converters
- Automation
- Computation
- Digital computers
- Digital systems
- Digital to analog converters
- Integration (mathematics)
- Nonlinear systems
- Simulation

Hydrants 1302.1

- RT -Discharge (water)
- Hydraulic valves
- Pipes
- Waterworks

Hydrate processes 1308

- UF Gas hydration
- RT -Chemical reactions
- Clathrates
- Desalination processes
- Hydrates
- Separation techniques

Hydrates 0702

- BT -Chemical compounds
- RT Clathrates
- Hydrate processes
- Hydration
- Water of crystallization
- Water of hydration

Hydration 0704

- RT -Chemical reactions
- Concrete properties
- Curing
- Dehydration
- Heat of hydration
- Hydrates
- Hydrolysis
- Slaking
- Water of hydration

Hydration (heat)

- USE Heat of hydration

Hydraulic conductivity 2004

- UF Conduction (hydraulic)
- Conductivity (hydraulic)
- BT -Conductivity
- Hydrologic properties
- Physical properties
- RT Darcys law
- Drain spacing
- Groundwater
- Groundwater flow
- Groundwater movement
- Hydrogeology
- Infiltration
- Percolation
- Permeability
- Phreatic water
- Pores
- Porous media
- Saturated flow
- Soil moisture movement
- Tile spacing

Hydraulic conduits 1313.1

- BT -Conduits
- RT Air admission
- Air chambers
- Bends (hydraulic)
- Closed conduits
- Flumes
- Penstocks
- Pipelines
- Siphons
- Submarine pipelines

Hydraulic design 2004

- BT -Design
- RT Deriaz pump turbine
- Design flow
- Flow
- Flow resistance
- Fluid mechanics
- Head losses
- Hydraulic engineering
- Hydraulic jump
- Hydraulic laboratories
- Hydraulic radius
- Hydraulics

THESAURUS OF TERMS

Hydraulic design (Con.)

Ogee crests
Roughness (hydraulic)
Spillway crests
Velocity head

Hydraulic downpull 2004

UF Downpull (hydraulic)
RT -Hydraulic gates
-Hydraulic models
-Hydraulic properties
-Hydraulic structures
-Hydraulic valves

Hydraulic engineering 1302

UF Engineers (hydraulic)
Hydraulic engineers
BT -Civil engineering
-Engineering
RT Canal design
-Canals
-Dam design
-Dams
-Diversion works
-Flood control
-Headworks
-Hydraulic design
-Hydraulic laboratories
-Hydraulic models
-Hydraulics
-Hydraulic structures
-Jacks (structural shape)
-Mechanical engineering
-Reservoirs
-River regulation
-Sediment control
-Side channel spillways
-Ski-jump spillways
-Spillway piers
-Spillway profiles
-Stilling basins
-Water
-Water collection systems

Hydraulic engineers

USE Hydraulic engineering

Hydraulic equipment 1307

BT -Equipment
NT Bulkhead gates
Butterfly valves
Coaster gates
Gate control
High pressure gates
High pressure valves
Hollow jet valves
-Hydraulic gates
-Hydraulic machinery
-Hydraulic turbines
-Hydraulic valves
-Intake gates
-Pumps
-Pump turbines
-Radial gates
-Roller gates
-Slide gates
-Water wheels
RT Hydraulic laboratories
Hydraulic pressure
-Hydraulics
-Hydraulic structures
Hydraulic systems

Hydraulic excavation 1315

BT -Excavation
RT Dredging
-Dredging
-Earthmoving
-Earthworks
-Erosion
-Hydraulic fill dams
-Hydraulic fills
-Hydraulic mining
-Hydraulic mining water
-Jetting
-Nozzles
-Underwater excavation
-Water pressure

Hydraulic fill dams 1313.1

BT -Dams
-Earth dams
-Earthworks
RT -Construction
-Dam design
-Dredging
-Earthfill
-Embankments
-Fills
-Forebay dams

Hydraulic excavation
Hydraulic fills
Pudding
Soil mechanics
Zoned embankments

Hydraulic fills 0813 1315

UF Sluice fills
BT -Earthfill
-Fills
RT -Dams
-Dredging
-Earth dams
-Earthmoving
-Earthworks
-Embankments
-Hydraulic excavation
-Hydraulic fill dams
-Pudding
-Underwater excavation
Zoned embankments

Hydraulic flow nets USE Flow nets

Hydraulic gates 1313.7

BT -Gates
-Hydraulic equipment
NT Bulkhead gates
Coaster gates
Drum gates
Emergency gates
Fixed wheel gates
Floodgates
High pressure gates
Intake gates
Miter gates
Radial gates
Roller gates
Roller-mounted gates
Sector gates
Slide gates
Sluice gates
Spillway gates
Stoney gates
Turnout gates
Wicket gates
RT Air chambers
Back pressure
-Check structures
-Float wells
-Flow control
-Fluid mechanics
-Gate control
-Headworks
-Hoisting machinery
-Hydraulic downpull
-Hydraulics
-Hydraulic systems
-Hydraulic valves
-Hydroelectric power
-Hydroelectric powerplants
-Jet diffusion
-Low head
-Movable dams
-Outlet works
-Rails
-Slots
-Spillway crests
-Spillways
-Stop logs
-Valves
-Weirs

Hydraulic gradient 2004

BT -Gradients
RT Artesian water
Backwater profiles
Critical depth
Critical slopes
Critical velocity
Darcys law
Depth
-Drawdown
-Flow nets
-Hazen-Williams equation
-Head (fluid mechanics)
-Head losses
-High head
-Hydraulic jump
-Hydraulic radius
-Hydrostatic pressure
-Hydrostatics
-Kutter formula
-Losses
-Movable bed models
-Open channel flow
-Open channels
-Permeability coefficients

Phreatic lines
Pipe flow
Pressure head
Quicksand
-Seepage
-Slopes
-Spillway profiles
-Springs (water)
-Velocity head
-Water levels
-Water pressure
-Water surface profiles

Hydraulic jacks 1309

BT -Jacks (mechanical)
RT Jacking

Hydraulic jump 2004

UF Standing surge
RT Backwater profiles
Chute blocks
Continuity equation
-Critical flow
-Depth
-Drops (structures)
-Energy dissipators
-Flow around objects
-Froude number
-Hydraulic design
-Hydraulic gradient
-Hydraulic radius
-Losses
-Open channels
-Specific head
-Standing waves
-Stilling basins
-Surges
-Transition flow
-Turbulent flow

Hydraulic laboratories 1402

BT -Facilities
-Laboratories
-Test facilities
RT -Fluid mechanics
-Fluids
-Hydraulic design
-Hydraulic engineering
-Hydraulic equipment
-Hydraulic models
-Hydraulics
-Movable bed models

Hydraulic machinery 1307.1

BT -Hydraulic equipment
-Machines
NT Axial flow turbines
Bulb turbines
Centrifugal pumps
Deriaz pump turbine
Feed pumps
Francis turbines
-Hydraulic turbines
-Impulse turbines
-Jet pumps
-Kaplan turbines
-Mixed flow pumps
-Pelton turbines
-Propeller pumps
-Pumps
-Pump turbines
-Reaction turbine
-Reciprocating pumps
-Reversible turbines
-Rotary pumps
-Turbine pumps
-Turbine turbines
RT Air admission
Axial flow
Blades
Cavitation index
-Entrances (fluid flow)
Governors
High head
Low head
Mechanical engineering
Mechanical equipment
-Rotating machines
Spiral cases
Stay rings
Stay vanes
Turbine blades
Turbine runners

Hydraulic mine-filling 0809

RT Hydraulic mining
Hydraulic mining water
Hydraulic transportation
Landfills
Mineral industry

HYDRAULIC RADIUS

Hydraulic mining 0809

BT -Mining
RT Coal mines
Dredging
Drift mining
-Flooding
-Gold
-Gravels
-Hydraulic excavation
-Hydraulic mine-filling
-Hydraulic mining water
-Hydraulic transportation
-Jets
-Mine drainage
-Mines
-Panning
-Placer mining
-Sluices
-Underground

Hydraulic mining water 0809

BT -Water types
RT Beneficial use
Hydraulic excavation
Hydraulic mine-filling
Hydraulic mining
-Mine water
-Prior appropriation
-Reasonable use
-Riparian rights
-Water allocation (policy)

Hydraulic models 1402

RT -Models
-Model studies
NT Fixed-bed models
Movable bed models
RT -Bends (hydraulic)
Cavitation index
Cavitation resistance
-Entrances (fluid flow)
Foreign tests
Hydraulic downpull
Hydraulic engineering
Hydraulic laboratories
-Hydraulics
-Hydraulic similitude
-Incompressible flow
-Model tests
-Reynolds number
-Slots
-Stilling wells
-Subatmospheric pressure
-Test equipment
-Test facilities
-Tests
-Triturations
-Wave tanks

Hydraulic pressure 2004

BT -Pressure
RT Grouting pressure
Height
High pressure
High pressure gates
High pressure valves
-Hydraulic equipment
-Hydrodynamic pressure
-Hydrodynamics
-Hydrostatic pressure
-Hydrostatics
-Loads (forces)
-Pressure head
-Pressure measuring instruments
-Rapid drawdown
-Relief wells
-Specific head
-Water levels
-Water pressure

Hydraulic properties 2004

BT -Properties
RT -Flow
-Hydraulic downpull
-Hydraulics
-Hydrologic properties
-Lotic environment
-Semicircular sections
-Water properties
-Water tunnels (testing)

Hydraulic radius 2004

RT Chezy equation
Depth
-Flow
-Hazen-Williams equation
-Head losses
-Hydraulic design
-Hydraulic gradient

HYDRAULICS

Hydraulic radius (Con.)

Hydraulic jump
Kutter formula
Mannings equation
Open channel flow
Pipe flow
Semicircular sections

Hydraulic roughness

USE Roughness (hydraulic)

Hydraulics 2004

(limited to water)

UF Hydromechanics
BT Engineering mechanics
Fluid mechanics
Mechanics

NT Fluvial hydraulics

Tidal hydraulics

Tunnel hydraulics

RT Air demand

Aquifer characteristics

Axial flow

Boundary conditions

Boundary processes

Boundary shear

Canals

Cavitation

Channel flow

Channel morphology

Channels

Civil engineering

Closed conduits

Conduits

Continuity equation

Critical depth

Critical slopes

Critical velocity

Culverts

Darcys law

Diffusion

Discharge (water)

Discharge coefficients

Discharge measurement

Dynamics

Energy equation

Engineering mechanics

Floods

Flow

Flow around objects

Flow characteristics

Flow nets

Flow profiles

Flow resistance

Fluid dynamics

Fluid flow

Fluid friction

Fluids

Friction

Friction coefficient (hydraulic)

Gate control

Head (fluid mechanics)

Head losses

High pressure gates

Hydraulic design

Hydraulic engineering

Hydraulic equipment

Hydraulic gates

Hydraulic laboratories

Hydraulic models

Hydraulic properties

Hydraulic similitude

Hydraulic structures

Hydraulic transients

Hydraulic turbines

Hydraulic valves

Hydrodynamic pressure

Hydrodynamics

Hydrology

Hydrostatics

Incompressible flow

Momentum equation

Open channels

Orifices

Potential flow

Pressure conduits

Pressure head

Pressure pipes

Pumping

Regime

Reservoirs

Reynolds number

River flow

Roughness (hydraulic)

Routing

Sedimentation

Seepage

Soil mechanics

Specific head

Spillway crests

Steady flow

Streamflow

Streamflow depletion

Test canals

Tractive force

Transient flow

Tunnels

Turbulence

Vortices

Water

Water circulation

Water measurement

Water tunnels (conveyance)

Wave generation

Weirs

Hydraulics (river)

USE Open channel flow

Hydraulic similitude 2004

BT Similitude

RT Froude number

Hydraulic models

Hydraulics

Model studies

Model tests

Movable bed models

Prototypes

Hydraulic structures 1313.1

Use of a more specific term

is recommended

BT Engineering structures

Structures

NT Approach channels

Aqueducts

Arch dams

Blowoff structures

Breakwaters

Canals

Check dams

Check structures

Chutes

Chute spillways

Closed conduit spillways

Cofferdams

Concrete pipes

Conduits

Control structures

Conveyance structures

Dams

Diversion dams

Diversion structures

Diversion tunnels

Double-curvature arch dams

Drops (structures)

Entrance channel

Fishways

Flip buckets

Flumes

Forebay dams

Headworks

Inlake structures

Inlake towers

Laterals

Levees

Locks (waterways)

Masonry dams

Metal pipes

Morning glory spillway

Multilevel outlets

Navigation dams

Noncircular conduits

Offshore platforms

Ogee crests

Outlet works

Overfalls

Penslocks

Pipelines

Plastic pipes

Plunge basins

Pressure tunnels

Pump intakes

Rectangular conduits

Retention dams

Sea walls

Self-spillway dams

Settling basins

Shaft spillways

Side channel spillways

Siphons

Ski-jump spillways

Sloping intake structures

Sluices

Spillways

Steel pipes

Stilling basins

Thin arch dams

Wasteways

Water pipes

Water tunnels (conveyance)

RT

Abutments

Air chambers

Air traps

Aprons

Bends (hydraulic)

Biluncations

Canal design

Cavitation

Coastal structures

Concrete-lined canals

Concrete structures

Culverts

Debris barriers

Ditches

Drift tubes

Entrances (fluid flow)

Equalizing reservoirs

Fish barriers

Flood control

Flow around objects

Fluid mechanics

Foundations

Freeboard

Friction coefficient (hydraulic)

Gates

Hydraulic downpull

Hydraulic engineering

Hydraulic equipment

Hydraulics

Hydraulic systems

Hydraulic turbines

Hydroelectric powerplants

Ice loads

Jetties

Metal pipes

Nozzles

Pontoons

Powerplants

Public works

Pumping plants

Rehabilitation

Reservoirs

Sluices

Small structures

Standpipes

Stilling wells

Storage tanks

Stream improvement

Stream stabilization

Surge tanks

Tailwater

Tidal powerplants

Trashracks

Triturcations

Tunnel hydraulics

Tunnels

Valves

Water collection systems

Water control

Water conveyance

Water storage

Water transportation

Waterways

Wye branches

Hydraulic systems 1307

RT Hydraulic equipment

Hydraulic gates

Hydraulic structures

Pumps

Hydraulic transients 2004

RT Air chambers

Bores (wave)

Hydraulics

Surges

Surge tanks

Water hammer

Waves (water)

Hydraulic transportation 2004

BT Transportation

RT Hydraulic mining-filling

Hydraulic mining

Mine drainage

Mineral industry

Slurries

Hydraulic turbines 1307.1

UF Water turbines

BT Hydraulic equipment

Hydraulic machinery

Rotating machines

Turbines

NT Axial flow turbines

Bulb turbines

Deriaz pump turbine

Francis turbines

Impulse turbines

Kaplan turbines

Pelton turbines

Pump turbines

Tube turbines

RT

Blades

Critical speed

Drift tubes

Electric generators

Governors

Guide vanes

High head

Hydraulics

Hydraulic structures

Hydroelectric power

Hydroelectric powerplants

Mechanical equipment

Penstocks

Potential hydropower

Power head

Prime movers

Propellers

THESAURUS OF TERMS

Hydrodynamic pressure (Con.)

Harmonics
Hydraulic pressure
-Hydraulics
-Pressure measuring instruments
Pressure regulators
-Surges
Water hammer

Hydrodynamics 2004

BT -Dynamics
-Fluid dynamics
-Fluid mechanics
NT Hydrodynamic pressure
RT -Engineering mechanics
-Flow
-Fluid flow
-Fluids
Head losses
Hydraulic pressure
-Hydraulics
Hydrostatic pressure
Incompressible flow
Ocean circulation
-Ocean currents
-Ocean waves
Pressure head
-Water
Water hammer

Hydroelectric power 1001

UF Water power
BT -Electric power
-Power
RT Afterbays
-Dams
-Electric generators
Firm energy
Forebay dams
Forebays
-Hydraulic gates
-Hydraulic turbines
-Hydraulic valves
Hydroelectric powerplants
Multiple purpose projects
Multiple purpose reservoirs
Peaking capacities
Peak loads (electric)
Peak power
Penstocks
Potential hydropower
Project benefits
Pumped storage
Reimbursable costs
Repayment contracts
-Reregulation
River basin development
Spinning reserve
Standby power
Surge tanks
-Water tunnels (conveyance)
Water wheels

Hydroelectric powerplants 1002.1

BT -Electric powerplants
-Industrial plants
-Powerplants
RT Afterbays
-Buildings
Cooling towers
-Dams
-Discharge (water)
Draft tubes
-Electric generators
-Electric power
Electric power industry
-Electric power production
-Facilities
-Generators
High pressure gates
High pressure valves
-Hydraulic gates
-Hydraulic structures
-Hydraulic turbines
-Hydraulic valves
Hydroelectric power
Hydroelectric project licensing
Intake gates
-Intake structures
Intake towers
Multiple purpose structures
Peaking capacities
Pondage
Power head
Powerhouses
Power operation & maintenance
Public works
Pumped storage
-Pump turbines
Steam

Tailrace
Tailwater
Thermal pollution
Turbine blades
Turbine runners
-Turbines
Underground powerplants
-Water levels
-Water utilization

Hydroelectric project licensing

0504
RT -Electric power
Hydroelectric powerplants
-Permits

Hydroelectric resources 0808.2

BT -Natural resources
-Resources
-Water resources
RT -Electric power
-Electric power production
-Hydrology
Peaking capacities
-Planning
Water resources development

Hydrofoils 1310

UF Hydroplanes
RT -Boats
Cavitation
Naval architecture
-Ships

Hydrogen 0702

BT -Chemical elements
-Gases
-Nonmetals
RT Deuterium
-Hydrocarbons
Reducing agents
Tritium

Hydrogenation 0703

BT -Chemical properties
-Chemical reactions
RT Waste water treatment
Water pollution treatment
-Water purification

Hydrogen bonding D704

RT Water properties
Water structure

Hydrogen ion concentration

USE pH

Hydrogen isotopes

USE Deuterium

Hydrogen radiolotopes

USE Tritium

Hydrogen sulfide 0702

BT -Chemical compounds
-Inorganic compounds
-Sulfides
-Sulfur compounds
RT Reducing agents

Hydrogeology 0807

BT -Geology
NT Groundwater geology
Groundwater hydrology
RT Aquifer characteristics
-Aquifers
Deposition
Drainage density
Engineering geology
-Erosion
Geohydrologic units
Geologic control
-Geologic investigations
Geologic mapping
Geomorphology
-Geophysical prospecting
-Geophysics
-Groundwater
Groundwater basins
-Hot springs
Hydraulic conductivity
-Hydrologic aspects
-Hydrologic models
-Hydrology
Marine geology
Paleoclimatology
-Phreatic water
-Springs (water)
Stratigraphy

Stream drainage patterns
-Streams
Strip aquifers
Structural geology
-Subsurface waters
-Surface waters
Underground streams
-Vadose water
Warm springs
-Water wells

Hydrograph analysis 0808

BT -Analysis
-Analytical techniques
RT Estimating
Flood forecasting
-Hydrographs
Maximum probable flood
River forecasting
Simulated rainfall
Unit hydrographs

Hydrographic surveys 0808

BT -Surveys
RT Aerial surveys
Geodetic surveys
Geological surveys
-Geophysics
Hydrography
Photogrammetry
-Plane surveying
-Surveying
Topographic surveys

Hydrographs 0808

UF Characteristic hydrographs
NT Flood hydrographs
Unit hydrographs
RT Base flow
-Charts
Design flood
Design flow
Design storm
-Discharge (water)
Distribution patterns
-Drainage
Drainage basins
Flood routing
-Floods
-Flow
-Groundwater
Hydrograph analysis
Hydrophase diagrams
Infiltration
Observation wells
Peak floods
Probable maximum precipitation
-Rainfall
Rainfall-runoff relationships
-Rates
Recession curves
-River regulation
-Routing
-Runoff
Safe yield
-Storms
-Streamflow
Streamflow depletion
Streamflow forecasting
Stream gages
Surface runoff
Synthesis
Time lag
Time series analysis
-Water levels
Water properties
-Watersheds (basins)

Hydrographs (rainfall)

USE Rainfall

Hydrography 0808

BT -Hydrologic aspects
RT Bathymetry
-Geophysics
Hydrographic surveys
-Hydrology
Lake morphometry
-Limnology
-Measurement
Oceanography
-Routing
Sounding
-Surface waters
-Surveys
-Water

Hydrologic aspects 0808

NT Extraterrestrial hydrology

HYDROLOGIC DATA

Hydrography
Paleolimnology
Parametric hydrology
Synthetic hydrology
Design flood
Groundwater geology
-Hydrogeology
Hydrologic cycle
Hydrologic data
-Hydrology
-Hydrometeorological station
International geophysical year
International hydrological decade
-Limnology
-Meteorology
Oceans
Paleohydrology
-Water resources

Hydrologic budget 0808

BT -Budgets
RT -Cycles
-Discharge (water)
Droughts
-Evaporation
-Floods
-Groundwater
Hydrologic cycle
Infiltration
Inflow
Outflows
-Plants (botany)
-Recharge
-Runoff
-Seepage
-Streamflow
Surface runoff
Water balance
Water budget
Water shortage
-Water storage

Hydrologic cycle 0808

BT -Cycles
RT -Atmosphere
-Circulation
Circulation (plants)
Cloud physics
-Currents (water)
-Energy budget
-Evaporation
-Evapotranspiration
Glaciers
-Groundwater
-Groundwater sources
-Hydrologic aspects
Hydrologic budget
-Hydrology
-Meteoritic water
-Meteorology
Microenvironment
-Movement
Oceans
Precipitable water
-Precipitation (atmospheric)
-Rainfall
Regimen
-Running waters
-Runoff
-Saline water intrusion
Snowfall
Soil water
Solar radiation
-Subsurface waters
-Surface waters
-Transfer
Transpiration
Water balance
-Water circulation
-Water loss
-Water resources
Water sources

Hydrologic data 0808

RT Climatic data
Data collections
Depth-area-duration analysis
-Documentation
Draft-storage curves
Drift bottles
Duration curves
Field data
Flow duration
Flow duration curves
Frequency curves
-Hydrologic aspects
Mass curves
-Model studies
-Networks

HYDROLOGIC EQUATION

Hydrologic data (Con.)

- Records
- Regional analysis
- River forecasting
- Surveys
- Tables (data)
- Water stage recorders

Hydrologic equation 0808

- BT -Equations
- RT -Discharge (water)
- Equilibrium
- Evaporation
- Groundwater
- Groundwater flow
- Inflow
- Outflows
- Overflow
- Overland flow
- Precipitation (atmospheric)
- Retention
- Runoff
- Saline yield
- Streamflow
- Subsurface runoff
- Subsurface waters
- Surface-groundwater relationships
- Surface waters
- Transpiration
- Water storage
- Water supply

Hydrologic instruments 1402

- UF Instruments (hydrologic)
- BT -Instrumentation
- NT Hook gages
- Liquid level gages
- Manometers
- Precipitation gages
- Pressure gages
- Rain gages
- Snow gages
- Snow samplers
- Staff gages
- Stream gages
- Water meters
- Weir gages
- RT -Gaging stations
- Hydrometeorological station
- Sediment sampling
- Snow surveys
- Water measurement
- Water metering
- Water stage recorders

Hydrologic models 1402

- BT -Models
- Model studies
- NT Aquifer model
- RT -Analog models
- Aquicludes
- Aquifers
- Aquifers
- Dupuit-Forchheimer theory
- Groundwater
- Groundwater basins
- Groundwater flow
- Groundwater geology
- Groundwater mining
- Groundwater movement
- Groundwater recharge
- Hydrogeology
- Mathematical models
- Theis equation
- Water table

Hydrologic properties 0808

- BT -Properties
- NT Capillary conductivity
- Diffusivity
- Hydraulic conductivity
- Permeability
- Specific retention
- Specific yield
- Transmissivity
- RT Capillary action
- Hydraulic properties
- Moisture content
- Moisture tension
- Physical properties
- Rock properties
- Soil physical properties
- Soil properties
- Water properties

Hydrologic year

- USE Water year

Hydrology 0808

- UF Geohydrology
- NT Flood hydrology
- Groundwater hydrology
- Paleohydrology
- Parametric hydrology
- RT Consumptive use (water)

- Drainage
- Drainage basins
- Droughts
- Evapotranspiration
- Flood control
- Flood estimate
- Flood forecasting
- Flood hydrographs
- Flood peaks
- Flood routing
- Floods
- Flood stages
- Flood waves
- Flow
- Geochemistry
- Geophysics
- Groundwater
- Groundwater flow
- Groundwater geology
- Hydraulics
- Hydroelectric resources
- Hydrogeology
- Hydrography
- Hydrologic aspects
- Hydrologic cycle
- Hydrometeorology
- Infiltration
- Intensity
- Large watersheds
- Limnology
- Meteorology
- Precipitation (atmospheric)
- Probable maximum precipitation
- Rainfall
- Reservoir yield
- River basins
- River currents
- River regulation
- Runoff
- Stream drainage patterns
- Streamflow
- Surface waters
- Water conservation
- Water resources
- Watersheds (basins)
- Watersheds (divides)
- Water sources
- Water storage
- Water supply
- Water supply forecasting
- Water supply systems
- Water treatment
- Water types
- Water utilization

Hydrolysis 0702 0703

- BT -Chemical properties
- Chemical reactions
- RT Aqueous solutions
- Chemical degradation
- Decomposition
- Digestion
- Hydration
- Moisture
- Solvation
- Water

Hydromechanics

- USE Hydraulics

Hydrometeorological station 0402

- BT -Stations
- NT Stream gaging station
- RT Climatic data
- Climatology
- Data collections
- Evaporation
- Gaging stations
- Humidity
- Hydrologic aspects
- Hydrologic instruments
- Instrumentation
- Meteorology
- Precipitation gages
- Radiation
- Rain gages
- Streamflow records
- Temperature
- Water measurement
- Weather data
- Wind (meteorology)

Hydrometeorology 0402

- BT -Meteorology
- RT Agriculture
- Clouds
- Flood control
- Flood forecasting
- Floods
- Hail
- Hydrology
- Rain
- Rainfall
- River forecasting
- Streamflow records

Hydrometers 1402

- BT -Densimeters
- Instrumentation
- Measuring instruments
- Meters
- RT -Density
- Gradation analysis
- Hydrometry
- Laboratory equipment
- Liquids
- Settling velocity
- Specific gravity

Hydrometric instruments

- USE Hydrometry

Hydrometry 1402

- UF Hydrometric instruments
- Instruments (hydrometric)
- RT -Density
- Floating
- Flow
- Gravimetry
- Hydrometers
- Measurement
- Water properties

Hydrophase diagrams 0808

- RT -Discharge (water)
- Hydrographs
- Rates
- Runoff

Hydrophilic animals

- USE Aquatic animals

Hydrophones 1701

- BT -Acoustic equipment
- Detectors
- Equipment
- Instrumentation
- RT -Acoustics
- Animal sounds
- Communication
- Microphones
- Sounding
- Sound waves

Hydroplanes

- USE Hydrofoils

Hydroponics 0603.1

- RT -Aquiculture
- Cultures
- Environments

Hydroscopic water

- USE Hygroscopic water

Hydrosols (dispersions) 0704

- BT -Colloids

Hydrosols (soils) 0807

- BT -Soil types

Hydrostatic pressure 2004

- UF Hydrostatic stress
- BT -Pressure
- Water pressure
- RT -Earth pressure
- Fluid mechanics
- Head (fluid mechanics)
- Horizontal loads
- Hydraulic gradient
- Hydraulic pressure
- Hydrodynamics
- Hydrostatics
- Jets
- Microenvironment
- Negative pore pressure
- Negative pressure
- Percolation tests
- Permeability tests
- Physical properties
- Pipe tests

- Pore pressure
- Pore water pressure
- Potentiometers
- Pressure head
- Pressure pipes
- Pressure tests
- Pumping
- Roughness (hydraulic)
- Uplift pressure
- Vapor pressure
- Water properties

Hydrostatics 2004

- BT -Fluid mechanics
- Mechanics
- Physics
- Statics
- RT Elevation
- Engineering mechanics
- Head (fluid mechanics)
- Head losses
- Hydraulic gradient
- Hydraulic pressure
- Hydraulics
- Hydrostatic pressure
- Liquids
- Pressure head
- Water
- Water pressure
- Water funnels (testing)

Hydrostatic stress

- USE Hydrostatic pressure

Hydrostatic uplift

- USE Uplift pressure

Hydrotreat

- USE Water treatment

Hydroxides

- USE Alkalies (bases)

Hyetographs 0402

- RT Average
- Charts
- Depth-area curves
- Rainfall

Hygrometric instruments

- USE Hygrometry

Hygrometry 0401

- UF Hygrometric instruments
- Hygrometry
- Instruments (hygrometric)
- Psychrometry
- BT -Metering
- NT Psychrometrics
- RT -Atmosphere
- Chemical analysis
- Humidity
- Measurement
- Moisture content

Hygroscopic water 0808.1

- UF Hygroscopic water
- BT -Moisture
- Soil moisture
- Soil water
- Subsurface waters
- Vadose water
- Water
- Water types
- RT -Absorption
- Adsorbed water
- Adsorption
- Bound water
- Capillary water
- Earth-water interfaces
- Gravitational water
- Humidity
- Moisture availability
- Wettability

Hygrometry

- USE Hygrometry

Hypabyssal rocks

- USE Volcanic rocks

Hypersonic wind tunnels

- USE Wind tunnels

Hypolimnion 0808

- RT Epilimnion
- Lakes
- Limnology
- Optical properties

THESAURUS OF TERMS

Hypolimnion (Con.)

- Profoundal zone
- Reservoirs
- Stagnant water
- Stratification
- Thermal stratification
- Thermocline

Hypsometric analysis 1402

- UF Area-altitude analysis
- BT -Analytical techniques
- RT Areal
- Elevation
- Height
- Watersheds (basins)

Hysteresis 1407

- RT Accuracy
- Damping
- Eddy currents
- Inelastic action
- Internal friction
- Magnetic properties
- Mechanical properties
- Physical properties
- Rebound
- Reproducibility
- Retracting
- Soil moisture
- Stress
- Tensile properties
- Tensile strength
- Time lag
- Tolerances (mechanics)

Ice 0812

- NT Anchor ice
- Floating ice
- Frazil ice
- Hail
- Icebergs
- Lake ice
- Rime
- Sewer ice
- RT Ablation
- Climatology
- Coolants
- Crevasse
- Cryology
- Deicers
- Deicing
- Dry ice
- Firn
- Freezing
- Frost
- Frost action
- Frost heaving
- Frost prevention
- Frozen soils
- Glaciers
- Highway icing
- Ice breakup
- Ice cover
- Ice crystals
- Iced lakes
- Ice formation
- Ice jams
- Ice lenses
- Ice loads
- Ice nuclei
- Ice pressure
- Ice prevention
- Ice-water interfaces
- Melting
- Melt water
- Permafrost
- Refrigerants
- Refrigeration
- Sleet
- Slush
- Snow
- Storms
- Sublimation
- Supercooled fog
- Water
- Water sources
- Water types
- Winterkilling

Icebergs 0812

- BT -Ice
- RT Ablation
- Floating ice
- Fresh water
- Glaciers
- Navigation
- Oceans
- Sea ice
- Sea water

Ice breakup 0812

- RT Floating ice
- Ice
- Iced lakes
- Ice formation
- Ice jams
- Melting
- Rivers

Ice cover 0812

- RT Anchor ice
- Frazil ice
- Ice
- Iced lakes
- Ice loads
- Ice pressure
- Ice-water interlaces
- Lake ice

Ice crystals 0812

- BT -Crystals
- RT Crystallography
- Freezing
- Frost
- Frost action
- Ice
- Ice formation
- Ice nuclei

Iced lakes 0812

- BT -Bodies of water
- Standing waters
- Surface waters
- RT -Ecology
- Floating ice
- Ice
- Ice breakup
- Ice cover
- Lake ice

Ice fishing 0511

- BT -Fishing
- Winter sports
- RT Bait fishing
- Cold-water fishing
- Fishing gear
- Freshwater fish
- Lake fisheries
- Lake ice
- Sport fishing

Ice formation 0812

- RT Deicers
- Freezing
- Frost
- Frost action
- Frost prevention
- Glaciers
- Highway icing
- Ice
- Ice breakup
- Ice crystals
- Ice lenses
- Ice nuclei
- Ice-water interfaces
- Nucleation
- Supercooled fog

Ice jams 0812

- RT Floating ice
- Ice
- Ice breakup
- Ice loads
- Ice pressure
- Melting
- Navigation
- Rivers
- Streams

Ice lenses 0812

- RT Capillary action
- Freezing
- Frost
- Frost action
- Frost heaving
- Frozen soils
- Ice
- Ice formation

- Ice prevention
- Permafrost
- Soil water movement
- Temperature

Ice loads 2011

- BT -Loads (forces)
- RT Dead loads
- Dynamic loads
- External forces
- Horizontal loads
- Hydraulic structures
- Ice
- Ice cover
- Ice jams
- Ice pressure
- Ice prevention
- Live loads
- Pressure
- Sea walls
- Shore protection
- Slope protection
- Transmission lines

Ice nuclei 0402

- RT -Ice
- Ice crystals
- Ice formation
- Weather modification

Ice pressure 0812 2011

- BT -Pressure
- RT Frost action
- Frost heaving
- Horizontal loads
- Ice
- Ice cover
- Ice jams
- Ice loads
- Ice prevention
- Loads (forces)

Ice prevention 0812

- RT Compressed air
- Deicers
- Deicing
- Entrances (fluid flow)
- Frost prevention
- Frost protection
- Heating
- Ice
- Ice lenses
- Ice loads
- Ice pressure
- Intakes
- Navigation
- Preheating
- Snow removal
- Temperature control

Ice skating 0511

- UF Skating (ice)
- BT -Recreation
- Winter sports
- RT Lake ice

Ice stones

- USE Hail

Ice-water interfaces 1407

- UF Water-ice interfaces
- BT -Boundaries (surfaces)
- Interfaces
- RT Floating ice
- Frost action
- Ice
- Ice cover
- Ice formation
- Lake ice

Ictalurus catus

- USE Catfishes

Ictalurus furcatus

- USE Catfishes

Ictalurus lupus

- USE Catfishes

Ictalurus nebulosus

- USE Bullheads

Ictalurus punctatus

- USE Bullheads

Ictalurus punctatus

- USE Bullheads

IMPACT

Ictalurus platycephalus

- USE Bullheads

Ictalurus punctatus

- USE Channel catfish

Ictiobus species

- USE Buffalo fishes

Idaho 0806

- BT -Geographical regions
- States (geographical)
- RT Reclamation states

Ideas 1407

- RT Clarity
- Communication
- Creativity
- Incentives
- Innovation
- Inventions
- Reasoning
- Semantics

Igneous rocks 0807

- BT -Crystalline rocks
- Rocks
- NT -Acidic rocks
- Andesite
- Basalt
- Basic rocks
- Diabase
- Diorite
- Gabbro
- Granite
- Intermediate rocks
- Lava
- Pegmatites
- Perlite
- Plutonic rocks
- Pumice
- Rhyolite
- Syenite
- Ultrabasic rocks
- Volcanic rocks
- RT Dikes
- Geologic formations
- Geology
- In situ rock
- Magma
- Metamorphic rocks
- Petrography
- Petrology
- Tuff
- Unlined tunnels
- Vertical joints

Illinois 0806

- BT -Corn belt
- Geographical regions
- States (geographical)

Imite 0807

- BT -Clay minerals
- Minerals
- Silicates
- RT Kaolinite
- Mica
- Montmorillonite

Imhoff tanks

- USE Sewage treatment

Immature growth stage 0603.2

- BT -Growth stages
- RT -Juvenile fishes
- Juvenile growth stage
- Larval growth stage
- Sexual maturity
- Viability

Immigration (fish)

- USE Fish establishment

Immigration (plant)

- USE Vegetation establishment

Immiscibility 1407

- BT -Physical properties
- RT Opacity
- Solubility
- Solvent extractions
- Turbidity
- Water properties

Impact 1407

- RT Deceleration
- Dynamic loads
- Impact loads

IMPACT (RAINFALL)

Impact (Con.)

Impact tests
-Loads (forces)
-Pressure
-Shear waves
Shock (mechanics)
Shock (physiology)
Shock resistance
Shock waves
-Stress
Stress waves

Impact (rainfall) 0402

RT -Erosion
Interception
-Precipitation (atmospheric)
Raindrops
-Rainfall
Soil surfaces

Impact loads 2011

BT -Live loads
-Loads (forces)
RT -Blasts
Dynamic loads
-Explosions
Impact
Impact tests
Shock (mechanics)
Shock tests
Transient stress

Impact tests 1402

BT -Dynamic tests
-Materials tests
-Metal tests
-Tests
RT Acceptance tests
Brittleness
-Compression tests
Dynamic response
Fatigue tests
Hardness
Hardness tests
Impact
Impact loads
Laboratory tests
Notch tests
-Shear tests
Shock tests
-Soil tests
Tension tests
Toughness

Impaired water quality 1302.2

BT -Water quality
RT Brackish water
-Desalination
Hardness (water)
-Organoleptic properties
Stream pollution
Turbidity
-Water pollution
-Water purification
Water quality control
Water softening

Impedance (electrical)

USE Electrical impedance

Impedance (hydraulic)

USE Retardance

Impellers 1307.1

BT -Rotors
RT -Blowers
Cavitation
Centrifugal pumps
-Pumps
Rotating components
Spiral cases
Turbine blades
Turbine runners
-Turbines
-Vaness

Impermeability

USE Permeability

Impermeable blankets

USE Impervious blankets

Impermeable linings

USE Impervious linings

Impermeable membranes

USE Impervious membranes

Impermeable soils

USE Impervious soils

Impervious blankets 1313.1

UF Impermeable blankets
BT -Blankets
RT -Barriers
Canal seepage
Compacted soils
Cutoffs
Earth-lined canals
Earth linings
-Earthworks
Impervious linings
Impervious membranes
Impervious soils
-Leakage
-Linings
Permeability
Reservoir design
Reservoir leakage
-Seepage
Seepage control
Soil compaction
Waterproofing
Watertight

Impervious linings 1313.1

UF Impermeable linings
BT -Linings
RT Asphalt membranes
-Barriers
-Blankets
Buried membranes
Canal linings
Canal sealants
Canal seepage
Concrete linings
-Curtains
Cutoffs
Earth linings
Impervious blankets
Impervious membranes
Impervious soils
-Leakage
-Membranes
Permeability
Reservoir leakage
Rigid linings
-Seepage
Seepage control
Waterproofing
Watertight

Impervious membranes 1313.1

UF Impermeable membranes
BT -Membranes
RT Asphalt membranes
-Barriers
Buried membranes
Canal linings
Canal sealants
Canal seepage
Concrete linings
Cutoffs
Impervious blankets
Impervious linings
Impervious soils
-Leakage
-Linings
Membrane processes
Permeability
-Plastics
Ponding tests
Reservoir leakage
Roofing materials
-Seepage
Seepage control
Transition zones
Waterproofing
Watertight
Zoned embankments

Impervious soils 0807

UF Impermeable soils
BT -Earth materials
-Materials
-Soils
-Soil types
RT Aquicludes
-Clays
Cohesive soils
Compacted soils
Earth-lined canals
Earth linings
-Expansive clays
-Finegrained soils
Groundwater barriers
Hardpan
Impervious blankets
Impervious linings

Impervious membranes

Perched water
Permeability
-Pervious soils
Puddling
-Silt
Soil density
-Soil properties
Soil texture
Waterlogged land

Implied benefits 0501 0503

BT -Benefits

Import 0503

BT -Foreign trade
RT Export
Tariff
-Treaties
Water plans

Impounded waters 1302.6

BT -Water types
RT Calcification
Farm ponds
-Impoundments
-Reservoirs
Stock ponds

Impoundments 1302.6

BT -Bodies of water
NT Detention reservoirs
Early impoundment
Equalizing reservoirs
Evaporation reservoirs
Farm ponds
Forebays
Multiple purpose reservoirs
-Reservoirs
RT -Dams
Impounded waters
-Lakes
Late impoundment
-Post-impoundment
Pre-impoundment
-Reservoir stages

Impregnation 1308

RT Chemical sealants
-Coatings
Fungicides
Injection
Lubrication
Polymer concretes
Porosity
-Porous materials
Soaking
Soil stabilization
Soil treatment
Solidification
Wood preservatives
Wood preservatives (pesticides)

Impulses 1407

RT -Frequency
Natural frequency
Pulsating flow
Pulses
Reactions (mechanics)
-Vibration

Impulse tests (electrical) 1402

BT -Tests
RT Direct current
Electrical insulation tests
-Electrical insulation
High voltage
-Test equipment
-Test facilities
-Transformers
Withstand level (electric)

Impulse turbines 1307.1

BT -Hydraulic machinery
-Hydraulic turbines
-Turbines
RT -Electric generators
-Electric power production
High head
Jets
Pelton turbines
Turbine wheels

Impurities 1407

RT Contamination
Defects
Heterogeneity
Pollutants
Scum

-Toxicity
-Wastes

Incentives 0510

RT Applied psychology
-Contract administration
Employee relations
Fringe benefits
Ideas
Industrial relations
Motivation
-Payment
Personnel management
Professional advancement
Salaries

Incineration 2102

RT Burning
-Disposal
-Drying
Oxidation
Refuse disposal
Sludge disposal
Smoke
-Solid wastes
Ultimate disposal
-Wastes

Incinerators 1302

RT Air pollution
-Buildings
-Furnaces
Garbage
-Industrial plants
Refuse disposal
-Sewage treatment
Sewage treatment plants
-Sewage works

Inclines

USE Slopes

Inclinometers 1402

BT -Instrumentation
-Measuring instruments
-Meters
RT Magnetometers
Slope indicators
Tillmeters

Income 0503

NT Adjusted income
Average income
Gross income
Incremental income
Marginal income
National income
Net income
Real income
RT Assessments
-Benefits
-Costs
Diseconomies of scale
Earnings
Economic efficiency
-Economics
Economies of scale
Engineering costs
Financial analysis
Income analysis
Monetary benefits
-Prices
-Profit
-Return (monetary)
Return to scale
Revenues
Royalties
-Taxes
Tou-ssm

Income analysis 0503

BT -Analysis
RT Cost analysis
-Income

Incompressible flow 2004

BT -Flow
-Fluid flow
-Movement
RT -Compressible flow
-Hydraulic models
-Hydraulics
-Hydrodynamics
Liquids
Newtonian flow

Incremental income 0503

BT -Income
RT Marginal income

THESAURUS OF WATER RESOURCES TERMS

THESAURUS OF TERMS

INDUSTRIAL WATER

Incrustation 1113

- RT Capacity reduction
- Coatings
- Crusts
- Deposition
- Exudation
- Scale (corrosion)
- Scale prevention
- Scaling

Incubation 0603

- RT Broods
- Diseases
- Eggs
- Hatching
- Infection

Indexes (documentation) 0502

- RT Bibliographies
- Catalogs
- Classifications
- Descriptors
- Directories
- Documentation
- Indexing
- Information retrieval
- Keywords
- Libraries
- Subject indexing
- Thesaurus

Indexes (ratios) 1201

- NT Cost indexes
- RT Efficiency
- Indicators
- Production control
- Scale (ratio)

Indexing 0502

- NT Coordinate indexing
- RT Catalogs
- Classifications
- Descriptors
- Directories
- Documentation
- Indexes (documentation)
- Information retrieval
- Information science
- Keywords
- Subject indexing
- Thesaurus
- Vocabularies

Index of refraction

- USE Refractivity

Index tests 1402

- BT Materials tests
- Soil tests
- Tests
- RT Acceptance tests
- Atterberg limits
- Laboratory tests
- Liquid limit
- Optimum moisture content
- Physical properties
- Plasticity index
- Plastic limits
- Proctor curves
- Pump tests
- Relative consistency
- Soil plasticity
- Test procedures

Indiana 0806

- BT Corn belt
- Geographical regions
- States (geographical)

Indian reservations 0504

- BT Federal reservations
- RT National historic sites
- Public land

Indicator bacteria

- USE Bioindicators

Indicators 1402

- NT Bioindicators
- Tiltmeters
- RT Analytical techniques
- Biochemical oxygen demand
- Chemical oxygen demand
- Chemicals
- Detectors
- Dyes
- Equipment
- Gages
- Indexes (ratios)

- Instrumentation
- Labels
- Marking techniques
- Measuring instruments
- Meteorological instruments
- Meters
- Path of pollutants
- Pollutant identification
- Probes (instruments)
- Quality control
- Sensors
- Tagging
- Tracers
- Transducers

Indicators (slope)

- USE Slope indicators

Indirect benefits 0501 0503

- UF Secondary benefits
- BT Benefits
- RT Direct benefits
- Fringe benefits
- Indirect costs
- Induced benefits
- Project benefits
- Third party effects

Indirect costs 1401

- UF Secondary costs
- BT Costs
- RT Construction costs
- Direct costs
- Electric power costs
- Engineering costs
- Fixed costs
- Indirect benefits
- Induced costs
- Labor costs
- Operating costs
- Overhead costs
- Third party effects
- Variable costs

Induced benefits 0501 0503

- BT Benefits
- RT Indirect benefits
- Induced costs

Induced costs 1401

- BT Costs
- RT Indirect costs
- Induced benefits
- Overhead costs

Induced currents 2003

- BT Electric current
- RT Current transformers
- Ground currents
- Magnetic induction
- Transformers

Induced infiltration 0808.1

- BT Artificial recharge
- Recharge
- Water management (applied)
- RT Groundwater recharge
- Infiltration
- Injection wells
- Percolation
- Pumping
- Water table
- Water wells

Induced precipitation 0402.1

- UF Artificial precipitation
- BT Precipitation (atmospheric)
- Weather modification
- RT Cloud seeding
- Probable maximum precipitation
- Rain
- Rainfall simulators
- Silver iodide generators

Induced voltage 2003

- RT Electric potential
- Magnetic induction
- Power transformers
- Transformers

Inductance 2003

- BT Electrical properties
- RT Capacitance
- Electrical conductance
- Electrical impedance
- Magnetic induction
- Magnetic properties
- Power factor
- Reactance

Induction (magnetic)

- USE Magnetic induction

Induction heating 1301

- BT Heating
- RT Heat
- Preheating

Induction motors 0903

- BT Electrical equipment
- Electric motors
- Motors
- RT Converters (electrical)
- Electrical design
- Electrical insulation
- Electric generators
- Motors
- Motors

Industrial cooling

- USE Cooling water

Industrial crops 0204

- BT Crops
- Plants (botany)
- RT Agronomic crops
- Forests
- Horticultural crops
- Orchards
- Plant groupings
- Trees

Industrial effluents

- USE Industrial wastes

Industrial engineering 1308

- UF Engineers (industrial)
- Industrial engineers
- BT Engineering
- RT Industrial relations
- Management
- Management engineering
- Materials handling
- Mining engineering
- Organizing
- Personnel management
- Production control
- Productivity
- Quality control
- Scheduling
- Standards
- Systems engineering
- Time and motion studies
- Value engineering

Industrial engineers

- USE Industrial engineering

Industrial management

- USE Industrial relations

Industrial plants 1309

- UF Factories
- Industrial property
- NT Ball mills
- Canneries
- Dual-purpose nuclear plants
- Electric powerplants
- Geothermal powerplants
- Hydroelectric powerplants
- Mills
- Nuclear powerplants
- Powerplants
- Pumping plants
- Rod mills
- Saw mills
- Thermal powerplants
- Tidal powerplants
- Underground powerplants
- RT Air pollution
- Buildings
- Desalination plants
- Facilities
- Incinerators
- Industrial production
- Industrial wastes
- Industrial water
- Laboratories
- Municipal water
- Pilot plants
- Plant efficiencies
- Structures
- Treatment facilities
- Water utilization
- Waterworks

Industrial production 1308

- UF Production (industrial)
- BT Production

RT Administration

- Control
- Costs
- Economic impact
- Equipment costs
- Fabrication
- Industrial plants
- Industrial wastes
- Industries
- Innovation
- Inventions
- Maintenance
- Management
- Manpower
- Marketing
- Materials control
- Operations
- Plant efficiencies
- Scheduling
- Standards
- Time and motion studies

Industrial property

- USE Industrial plants

Industrial relations 0501

- UF Industrial management
- RT Employment
- Fringe benefits
- Group dynamics
- Incentives
- Industrial engineering
- Labor unions
- Management
- Morale
- Personnel
- Political aspects
- Public relations
- Sociology

Industrial wastes 1302.1

- UF Industrial effluents
- BT Wastes
- NT Coal mine wastes
- Mine wastes
- Pulp wastes
- Strip mine wastes
- RT Canneries
- Chemical wastes
- Contamination
- Debris
- Disposal wells
- Farm wastes
- Fermentation
- Industrial plants
- Industrial production
- Industrial water
- Mineral content
- Mining
- Oil wastes
- Oxidation lagoons
- Phenols
- Saw mills
- Sewage
- Sewage disposal
- Sewage sludge
- Sewage treatment
- Sludge
- Soil contamination
- Stream pollution
- Sulfite liquors
- Waste stabilization ponds
- Waste water
- Waste water (pollution)
- Waste water treatment
- Water pollution
- Water pollution sources
- Wood wastes

Industrial waste treatment 1302.1

- BT Treatment
- Waste treatment
- NT Activated sludge
- Radioactive waste disposal
- RT Microorganisms
- Sewage
- Sewage disposal
- Sewage treatment plants
- Wastes
- Water pollution
- Water recirculation

Industrial water 1302.1

- BT Water
- Water types
- NT Boiler feed water
- RT Beneficial use
- Cooling water
- Industrial plants

INDUSTRIES

THESAURUS OF WATER RESOURCES TERMS

Industrial water (Con.)

- Industrial wastes
- Pre-treatment (water)
- Recirculated water
- Supplier's water
- Utilities
- Waste water (pollution)
- Water allocation (policy)
- Water consumption
- Water costs
- Water demand
- Water policy
- Water quality
- Water recirculation
- Water reuse
- Water supply
- Water treatment
- Water users

Industries C503

- NT Commercial fishing
- Dairy industry
- Electrical industry
- Electric power industry
- Lumbering
- Mineral industry
- Oil industry
- Pulp and paper industry
- Steel industries
- RT Applied research
- Canneries
- Cities
- Economic growth
- Economic impact
- Industrial production
- Land use
- Manufacturing
- Municipalities
- Organizations
- Processing
- Repayment contracts
- Social aspects
- Urban areas
- Utilities
- Water reuse
- Worldwide
- Zoning

Inelastic action 2012

- RT Deformation modulus
- Elasticity (mechanical)
- Hysteresis
- Plastic deformation
- Plastic failure
- Plasticity
- Plastic limits
- Yield point

Inert gases 0702

- RT -Chemical elements
- Gases
- Nonmetals
- RT Argon
- Helium
- Neon
- RT Chemical stability

Inertia (moments of)

- USE Moments of inertia

Infection 0605

- RT -Diseases
- Incubation
- Zoonoses

Infiltration 2004

- UF Percolation
- RT Antecedent precipitation
- Capillary conductivity
- Chiselling
- Deep tillage
- Depression storage
- Drain tiles
- Gravitational water
- Groundwater
- Groundwater flow
- Groundwater movement
- Groundwater recharge
- Groundwater sources
- Hydraulic conductivity
- Hydrographs
- Hydrologic budget
- Hydrology
- Induced infiltration
- Infiltration capacity
- Infiltration rate
- Infiltrimeters
- Intestines
- Irrigation
- Irrigation practices

- Irrigation water
- Leaching
- Leakage
- Lysimeters
- Natural recharge
- Penetration
- Percolation
- Percolation tests
- Permeability
- Permeability tests
- Pervious soils
- Phreatic water
- Pit recharge
- Ponding
- Porosity
- Rainfall-runoff relationships
- Recharge wells
- Retention
- Runoff
- Runoff forecasting
- Saline water intrusion
- Seepage
- Simulated rainfall
- Soil amendments
- Soil management
- Soil moisture
- Soil moisture movement
- Soil physical properties
- Soil properties
- Soil structure
- Soil surfaces
- Soil texture
- Soil types
- Soil water
- Soil water movement
- Spreading basins
- Storage capacity
- Surface storage
- Unsaturated flow
- Vegetation effects
- Vertical mulching
- Voids
- Water application rate
- Water loss
- Water spreading
- Water wells
- Wetting front

Infiltration capacity 2004

- RT Flow rates
- Infiltration
- Infiltration rate
- Permeability tests
- Soil water movement

Infiltration rate 2004

- RT Capillary conductivity
- Darcy's law
- Flow rates
- Infiltration
- Infiltration capacity
- Intensity
- Permeability tests
- Soil water movement
- Unsaturated flow
- Wetting front

Infiltrimeters 1402

- BT -Instrumentation
- NT Rainfall simulators
- RT Infiltration

Inflation (economic) 0503

- RT Cost indexes
- Depression
- Economic impact
- Economics

Inflow 0808

- RT -Aquifers
- Conduits
- Discharge (water)
- Estuaries
- Flow
- Hydrologic budget
- Hydrologic equation
- Injection
- Leakage
- Mine water
- Penetration
- Recharge
- Reservoir capacity
- Reservoirs
- Reservoir storage
- Rivers
- Routing
- Seepage
- Sewage
- Streamflow regulation

- Streams
- Trap efficiency
- Wastes
- Water balance
- Water budget
- Wells
- Well yield

Influence charts 1313.6

- BT -Charts
- RT Design tools
- Displacements
- Effects
- Footings
- Foundations
- Loads (forces)
- Stress
- Structural design
- Structural members

Influent streams 0808

- BT -Bodies of water
- Groundwater sources
- Streams
- RT Bank storage
- Effluent streams
- Groundwater
- Groundwater flow
- Seepage
- Water loss
- Water table
- Zone of saturation

Information 1407

- UF Data
- NT Experimental data
- Field data
- Mathematical tables
- Meteorological data
- Tables (data)
- RT Information science
- Information theory

Information centers 0502

- RT -Documentation
- Information retrieval
- Information science
- Libraries
- Scientific societies

Information retrieval 0502

- UF Library searches
- RT Bibliographies
- Catalogs
- Computer programs
- Coordinate indexing
- Current awareness
- Data collections
- Data retrieval
- Descriptors
- Dictionaries
- Dissemination (information)
- Documentation
- Indexes (documentation)
- Indexing
- Information centers
- Information science
- Information systems
- Interest profiles
- Keywords
- Libraries
- Publications
- Subject indexing
- Thesaurus
- Translations

Information science 0502

- RT Current awareness
- Data collections
- Descriptors
- Documentation
- Indexing
- Information centers
- Information retrieval
- Information systems
- Interest profiles
- Keywords
- Libraries
- Machine translating
- Selective dissemination
- Subject indexing
- Systems analysis
- Thesaurus
- Translating

Information systems 0502

- RT -Computers
- Current awareness

- Data collection systems
- Data retrieval
- Data storage
- Decision making
- Dissemination (information)
- Documentation
- Feedback
- Information retrieval
- Information science
- Information theory
- Interest profiles
- Keywords
- Libraries
- Management
- Management engineering
- Selective dissemination
- Systems analysis
- Systems engineering
- Vocabularies

Information theory 0904

- BT -Theory
- RT -Data processing
- Data transmission
- Fourier analysis
- Information
- Information systems
- Operations research
- Probability theory
- Systems engineering

Infrared detectors 1402

- BT -Detectors
- Equipment
- Instrumentation
- Sensors
- RT Infrared photography
- Infrared radiation
- Radiometers
- Temperature sensors

Infrared photography 1405

- BT -Photography
- RT Aerial photography
- Infrared detectors
- Photographs
- Photointerpretation
- Temperature sensors

Infrared radiation 2006

- UF Infrared rays
- Radiation (infrared)
- BT -Electromagnetic waves
- Radiation
- Transport phenomena
- Waves
- RT Electromagnetic wave filters
- Heat
- Infrared detectors
- Infrared spectroscopy
- Light waves
- Radiometers
- Solar radiation
- Temperature sensors
- Thermal radiation
- Wavelength

Infrared rays

- USE Infrared radiation

Infrared spectroscopy 1402

- BT -Analysis
- Analytical techniques
- Chemical analysis
- Spectroscopy
- RT Infrared radiation
- Molecular structure
- Qualitative analysis
- Spectrometry
- Spectrum analysis

Ingestion (biological)

- USE Digestion

Inhibition 1407

- RT Attenuation
- Corrosion control
- Damping
- Inhibitors
- Neutralization
- Retarding
- Stabilization

Inhibitors 1107

- UF Agents (inhibiting)
- RT Accelerating (chemistry)
- Additives
- Attenuators
- Biochemistry

THESAURUS OF TERMS

INSPECTION

Inhibitors (Con.)

Catalysts
Chemcontrol
-Coatings
Competition
Enzymes
-Gates
Inhibition
-Linings
-Metabolism
Neutralization
-Paints
-Pesticides
Plant growth regulators
Plant growth substances
-Poisons
-Protective coatings
-Retardants
-Retarding agents
-Toxins
Venoms

Initial costs 1401

BT -Costs
RT Construction costs
Electric power costs
Equipment costs
Installation costs

Initial set 1303.1

RT -Cements
-Concrete placing
-Concrete
-Curing
False soil
-Hardening
-Portland cements
-Retarding agents

Injection 1407

UF Water injection
RT Aeration
-Entrainment
-Flooding
Groundwater recharge
-Grouting
Impregnation
Inflow
Injection wells
Injectors
Mudjacking
Oil industry
Dil reservoirs
-Recharge
Recharge wells
Secondary recovery (oil)

Injection grouting

USE Grouting

Injection wells 0808.1

BT -Water wells
-Wells
RT Disposal wells
Groundwater recharge
-Groundwater sources
Induced infiltration
Injection
Dil wells
-Recharge
Recharge wells
-Waste disposal
-Waste water disposal
Water sources

Injectors 1407

RT Carburetors
Diesel engines
Ejectors
Feeders
Injection
Nozzles
-Pumps
Salt velocity method

Inland waterways 0806

BT -Bodies of water
-Channels
-Navigable waters
-Waterways
NT Navigable rivers
RT -Canals
Harbors
Inlets (waterways)
Marinas
Marine engineering
-Rivers
-Routing
-Transportation

Inlets (devices)

USE Intakes

Inlets (waterways) 0806

BT -Bodies of water
-Land forms
-Waterways
RT Bays (topographic features)
-Channels
Estuaries
Fjords
Harbors
-Inland waterways
Jetties
Lagoons (landforms)
Marinas
-Tides

Innovation 1407

RT Cost savings
Creativity
Design improvements
-Economies
-Efficiencies
Ideas
Industrial production
Inventions
Labor savings

Inorganic compounds 0702

BT -Chemical compounds
NT Anhydride
-Arsenicals (pesticides)
-Arsenic compounds
-Calcium carbonate
Calcium chloride
Calcium hydroxide
-Calcium sulfate
Carbon dioxide
Carbon monoxide
Chalk
-Chlorides
-Clay minerals
Copper sulfate
Fluorides
Gypsum
-Halides
Hydrogen sulfide
-Inorganic pesticides
Iron oxides
Magnesium carbonates
Magnesium hydroxide
Nitrates
-Oxides
Potassium carbonate
Silica
-Silicates
Silver iodide
Sodium arsenite
Sodium chloride
Sodium silicate
Sulfides
RT Algal nutrients
-Minerals
-Organic compounds

Inorganic pesticides 0606

BT -Chemical compounds
-Chemicals
-Inorganic compounds
-Pesticides
NT Sodium arsenite
RT Copper sulfate

In place density 2012

BT -Density
-Physical properties
RT Field density
-Field tests
-In situ tests
Nuclear density meters
Rock density
Soil density
Soil density probes
Soil investigations
-Soil properties
-Soil tests
Undisturbed samples
Undisturbed soils
Unit weight

Input-output analysis 1202

NT Leonief models
RT -Economics
-Mathematical studies

Insect attractants 0606

BT -Attractants

RT Insect control

-Insecticides
-Insects

Insect behavior 0603.2

BT -Animal behavior
-Behavior
RT Entomology
-Environments
Food habits
Insect eggs
-Insects
Oviposition
-Reproduction (biology)

Insect control 0606

BT -Animal control
-Control
-Pest control
RT Acaricides
Biocontrol
Chemcontrol
Cultural control
Entomology
Environmental sanitation
Garbage
Insect attractants
-Insecticides
Insect repellents
-Insects
Integrated control measures
Larvicides
Ovicides
-Physical control
Plant growth substances
Refuse disposal
Sanitary engineering
Sanitation
Spraying
-Sterilants
-Water treatment

Insect eggs 0603.2

BT -Eggs
-Growth stages
RT Insect behavior
-Larvae
Oviposition

Insecticides 0606

BT -Chemicals
-Pesticides
-Poisons
NT Aldrin
DDT
Diazinon
Dieldrin
Endrin
Heptachlor
RT Entomology
Insect attractants
Insect control
-Insects
Larvicides
-Repellents
Rotenone
Wood preservatives (pesticides)

Insect repellents 0606

BT -Repellents
RT Insect control
-Insects

Insect resistance 0606

BT -Resistance
RT Crop response
-Environmental effects
-Insects
Plant breeding

Insects 0603.2

BT -Animals
-Invertebrates
NT -Aquatic insects
Caddisflies
-Diptera
Dobsonflies
Dragonflies
Lacewings
Mayflies
Midges
Mosquitoes
Stoneflies
Water beetles
RT Acaricides
Animal groupings
Diapause
Entomology
Insect attractants

Insect behavior

Insect control
-Insecticides
Insect repellents
Insect resistance
Invasion
-Larvae
Mites
-Pest control
Vectors (biology)

In situ rock 0807

BT -Rocks
NT Bedrock
Beds (geology)
Foundation rocks
-Geologic formations
RT -Field investigations
-Geologic investigations
-Geology
-Igneous rocks
-In situ tests
Jacking tests
-Metamorphic rocks
Outcrops
-Rock bolts
Rock excavation
Rockfalls
Rock foundations
Rock mechanics
Rock pressures
Rock properties
Rockslides
Rock slope stability
-Sedimentary rocks
Stratigraphy
Subsurface investigations
Subsurface mapping

In situ tests 1402

BT -Field tests
-Tests
NT -Field permeability tests
Foundation bearing tests
Jacking tests
Penetration tests
-Permeability tests
Ponding tests
Thiem test
Vane shear tests
RT Field density
Flat jack method
In place density
-In situ rock
Pile tests
Pressure tests
Prototype tests
Pull-out tests
Pumping tests (wells)
Rock tests
Seismic investigations
-Soil tests
Undisturbed soils

Inspection 1407

UF Inspectors
NT -Radiographic inspection
X-ray inspection
RT Acceptability
Acceptance tests
Accuracy
-Borehole cameras
Concrete control
-Construction control
-Control
Defects
-Detection
Drill hole TV cameras
-Evaluation
Field control
-Field investigations
Field laboratories
Foreign tests
Laboratory tests
Materials control
-Materials tests
-Nondestructive tests
Performance tests
Product evaluation
-Quality control
-Sampling
-Sonic velocity tests
Specifications
-Standards
Statistical quality control
-Surveys
-Tests
Thick plates
Tolerances (mechanics)

INSTALLATION

Inspection (Con.)

- Ultrasonic tests
- Underwater television

Inspectors

- USE Inspection

Installation 1315

- NT Equipment installation
- RT Construction
 - Equipment
 - Erection
 - Installation costs
 - Maintenance

Installation costs 1401

- BT Costs
- RT Electric power costs
 - Initial costs
 - Installation
 - Labor costs

Installed capacity 0903

- RT Electric generators
 - Generating capacity
 - Power transformers

Institutional constraints 0504

- BT Constraints
- RT Administration
 - Contracts
 - Governments
 - Institutions
 - Political constraints
 - Water policy

Institutions 0504

- (planning and organizational agencies)
- BT Organizations
- NT Administrative agencies
- RT Administration
 - Economics
 - Governments
 - Institutional constraints
 - Interstate
 - Management
 - Planning
 - Political aspects
 - Political science
 - Water policy
 - Water resources development

Instruction 0509

- UF Instructors
- NT Programmed instruction
- RT Education
 - Learning
 - Manuals
 - Methodology
 - Personnel management
 - Procedures
 - Processing
 - Students
 - Training
 - Visual aids

Instructors

- USE Instruction

Instrumentation 1402

- Use of a more specific term is recommended
- UF Instruments
- NT Accelerometers
 - Altimeters
 - Ammeters
 - Anemometers
 - Altimeters
 - Balloons
 - Barometers
 - Bathythermographs
 - Borehole cameras
 - Bouyoucos blocks
 - Calorimeters
 - Cameras
 - Chronographs
 - Chronometers
 - Clocks
 - Collimators
 - Current meters
 - Dial gages
 - Dissolved oxygen analyzers
 - Drift bottles
 - Drill hole TV cameras
 - Drill monitors
 - Dynamometers
 - Electric bridges
 - Evaporation pans
 - Evapotranspirometers
 - Extensometers

Fathometers

- Flowmeters
- Gages
- Galvanometers
- Geiger counters
- Geod meters
- Geophones
- Gravimeters
- Gyroscopes
- Hook gages
- Hol ilm anemometers
- Hol wire anemometers
- Hydrologic instruments
- Hydrometers
- Hydrophones
- Inclinometers
- Infiltrimeters
- Infrared detectors
- Interferometers
- Liquid level gages
- Lysimeters
- Magnetometers
- Measuring instruments
- Metal detectors
- Meters
- Micrometers
- Microscopes
- Moisture meters
- Moisture sensors
- Nansen bottles
- Neutron counters
- Nuclear density meters
- Nuclear meters
- Ohmmeters
- Optical instruments
- Drift meters
- Oscillographs
- Oscilloscopes
- Penetrometers
- Permeameters
- Photometers
- Phytometers
- Piezometers
- Pilot spheres
- Pilot tubes
- Plumb lines
- Polanscopes
- Porous tube piezometers
- Potentiometers
- Precipitation gages
- Pressure gages
- Pressure measuring instruments
- Pressure sensors
- Radiation detectors
- Radiation measuring equipment
- Radiometers
- Radiosondes
- Rain gages
- Receivers
- Recording systems
- Repeaters (communications)
- Rotating meters
- Salinity meters
- Scintillation counters
- Seismographs
- Sextants
- Soil density probes
- Soil moisture meters
- Soniscopes
- Spectrometers
- Staff gages
- Stereoscopes
- Strain meters
- Stream gages
- Stress meters
- Surveying instruments
- Tellurometers
- Temperature sensors
- Tensiometers
- Theodolites
- Thermogalvanic cells
- Thermometers
- Tiltmeters
- Transmitters
- Turbidimeters
- Velocity meters
- Venturi meters
- Voltmeters
- Volumetric meters
- Water meters
- Water stage recorders
- Watmeters
- Weir gages
- Wheatstone bridge
- RT Analytical techniques
 - Appliances
 - Automatic control
 - Automation
 - Calibrations

Characteristics

- Chemical analysis
- Chromatography
- Colorimetry
- Control
- Control systems
- Data collections
- Depth recorders
- Detectors
- Electronic equipment
- Embedded instruments
- Embedded materials
- Embedded metal
- Environmental tests
- Farm equipment
- Gas chromatography
- Hydrometeorological station
- Indicators
- Jacking tests
- Laboratory equipment
- Maintenance
- Materials control
- Measurement
- Mechanical equipment
- Metering
- Photographic equipment
- Piezoelectric transducers
- Powerline carriers
- Pressure cells
- Radar
- Remote control
- Remote sensing
- Repairing
- Research equipment
- Salt velocity method
- Sensitivity
- Sensors
- Servomechanisms
- Standards
- Stations
- Strain gages
- Strain measurement
- Stress gages
- Structural behavior
- Telemetry
- Telemetry systems
- Television
- Test equipment
- Thermocouples
- Thermographs
- Transducers
- Water measurement
- Water metering

Instruments

- USE Instrumentation

Instruments (electronic)

- USE Electronic equipment

Instruments (hydrologic)

- USE Hydrologic instruments

Instruments (hydrometric)

- USE Hydrometry

Instruments (hygrometric)

- USE Hygrometry

Instruments (measuring)

- USE Measuring instruments

Instruments (meteorological)

- USE Meteorological instruments

Instruments (optical)

- USE Optical instruments

Instruments (pilot)

- USE Pilot tubes

Instruments (recording)

- USE Recording systems

Instruments (stereoscopic)

- USE Stereoscopes

Instruments (surveying)

- USE Surveying instruments

Instrument transformers 1402

- BT Electrical equipment
- Transformers
- RT Current transformers
- Potential transformers

Insulating oil 1108

- BT Oils
- RT Autotransformers
- Circuit breakers

Electrical insulation

- Oil-filled cables
- Power transformers
- Switchgear
- Transformer oils
- Transformers

Insulation 1407

- NT Acoustic insulation
- Electrical insulation
- Mechanical insulation
- Thermal insulation
- RT Absorbers
 - Absorption
 - Building materials
 - Concrete properties
 - Cushioning
 - Damping
 - Electrical insulators
 - Energy absorption
 - Heaters
 - Lagging
 - Perlite
 - Pipe wrappings
 - Protective coverings
 - Vermiculite
 - Vibration damping

Insurance 0503

- NT Flood plain insurance
- RT Compensation
 - Costs
 - Damages
 - Economics
 - Engineering costs
 - Labor unions
 - Legal aspects
 - Payment
 - Risks
 - Unemployment

Insurance costs 1401

- BT Costs
- RT Expenditures
 - Fringe benefits
 - Health
 - Life expectancy
 - Payment
 - Risks

Intake channels 1313.1

- BT Channels
- Waterways
- RT Approach channels
- Entrance channels
- Intakes
- Intake structures
- Intake transitions
- Sloping intake structures
- Training walls

Intake gates 1313.7

- BT Gates
- Hydraulic equipment
- Hydraulic gates
- RT Coaster gates
- Fixed wheel gates
- Hoisting machinery
- Hydroelectric powerplants
- Intakes
- Intake structures
- Intake towers
- Multilevel outlets
- Outlet works

Intakes 1313.1

- UF Inlets (devices)
- Water intakes
- BT Engineering structures
- NT Pump intakes
- RT Bellmouths
 - Conduits
 - Ducts
 - Filters
 - Fish passages
 - Fishways
 - Forebays
 - Headwalls
 - Headworks
 - Ice prevention
 - Intake channels
 - Intake gates
 - Intake structures
 - Intake towers
 - Intake transitions
 - Nozzles
 - Drifts
 - Outlets
 - Outlet works

THESAURUS OF TERMS

Intakes (Con.)

Penstocks
Siphons
Sluices
Storm drains
Trashracks

Intake structures 1313.1
BT—Engineering structures
—Hydraulic structures
—Structures
NT Intake towers
Sloping intake structures
RT Aqueducts
—Concrete structures
—Conduits
Control structures
—Dams
—Debris barriers
Ducts
Fish passages
Forebays
Headwalls
Headworks
Hydroelectric powerplants
Intake channels
Intake gates
—Intakes
Intake transitions
Manifolds
Multilevel outlets
Multiple purpose structures
—Outlet works
Penstocks
Pump intakes
—Pumps
—Reservoirs
Selective level releases
Siphons
Sluices
—Towers
Trashracks

Intake towers 1313.1
BT—Engineering structures
—Hydraulic structures
—Intake structures
RT—Dams
—Debris barriers
Hydroelectric powerplants
Intake gates
—Intakes
Multilevel outlets
—Outlet works
Penstocks
—Reservoirs
Trashracks

Intake transitions 1313.1
BT—Transitions (structures)
RT Approach channels
Cutoffs
—Debris barriers
Entrance channels
Intake channels
—Intakes
Intake structures
—Outlets
Sloping intake structures
Training walls

Intangible benefits 0501 0503
BT—Benefits
RT Benefits sharing
Intangible costs
Tangible benefits

Intangible costs 1401
BT—Costs
RT Construction costs
Intangible benefits
Tangible costs

Integrals 1201
BT—Analysis
—Mathematical analysis
—Mathematics
RT Area
Boundary values
—Calculus
—Differential equations
Discontinuities
Integration (mathematics)
—Transformations

Integrated circuits 0901
BT—Circuits
RT Electrical design
—Electric current
Electronics

Transistors

Integrated control measures 0606

RT Balance of nature
Biocontrol
Chemcontrol
Compatibility
—Control
Cultural control
Insect control
Mechanical control
—Pest control
—Pesticides
—Physical control
Selectivity

Integration (mathematics) 1201

UF Integrators
BT—Analysis
—Mathematics
RT Analog computers
—Calculus
—Differential equations
Discontinuities
Fourier analysis
Hybrid computers
Integrals
—Mathematical analysis

Integrators

USE Integration (mathematics)

Intense rainfall

USE Cloudbursts

Intensity 1407

NT Rainfall intensity
RT Design earthquake
Design storm
—Earthquakes
Earthquake theory
—Hydrology
Infiltration rate
—Meteorology
—Rainfall
Rainfall-runoff relationships
Rational formula
Seismic velocity
—Seismic waves
Seismographs
—Storms

Intentional inundation

USE Flooding

Inter-agency cooperation 0504

RT—Governments

Interbasin water transfers 0808

BT—Transfer
RT—Conduits
Diversion
Diversion structures
Diversion tunnels
Diversion works
River basins
—Tunnels
Water collection systems
Water conveyance
Water plans
Water resources development
Water supply
Water transfer
—Water tunnels (conveyance)

Interception 0808

RT Canopy
—Evaporation
Impact (rainfall)
—Precipitation (atmospheric)
Rain
Raindrops
—Rainfall
Soil surfaces
Stemflow
Throughfall
—Water loss

Interconnected systems 0901.1

UF Grids (electric)
Interties
Tie lines
NT Power grids
RT—Circuits
Electric networks
Extra high voltage
Extra long distance
Load-frequency control

Loops (electrical)
Power interchange
Power system operations
System stability (electric)
—Transmission (electrical)
—Transmission lines
Ultra high voltage

Interest (finance) 0503

RT Capital
—Costs
Debt
Earnings
—Economics
Engineering costs
Engineering economy
Equipment costs
Finance
Financial analysis
Financing
Interest rate
Investment
Loans
—Payment
—Prices
Principal
—Profit
Revenues

Interest profiles 0502

RT—Computers
Current awareness
Decision making
Information retrieval
Information science
Information systems
Selective dissemination

Interest rate 0503

RT—Costs
Credit
Discount rate
Interest (finance)
—Prices
—Rates

Interfaces 1407

BT—Boundaries (surfaces)
NT Air-earth interfaces
Air-water interfaces
—Earth-water interfaces
Free surfaces
Ice-water interfaces
—Liquid-gas interfaces
—Liquid-vapor interfaces
Mud-water interfaces
Oil-water interfaces
Saline water-freshwater interfaces
Sediment-water interfaces
RT Boundary processes
—Flow
Froth flotation
Microenvironment
Monomolecular films
—Saline water intrusion
—Sediments
Shear drag
Sorption
—Surface properties
—Surfaces
Surface tension
Wettability

Interference 2014

NT Atmospherics
Radio interference
RT—Damping
Distortion (optics)
—Disturbances
—Noise (sound)
Radar reflections
Radio reception
—Radio signals

Interference analyzers 1402

UF Analyzers (interference)
BT—Test equipment
RT—Electromagnetic properties
—Electronic equipment

Interferometers 1402

BT—Instrumentation
—Measuring instruments
—Optical instruments
—Test equipment
RT—Optical instruments
Spectrum analysis
Wavelength

INTERNAL FRICTION

Interflow

USE Subsurface runoff

Interfluvies 0808

RT Drainage basins
Drainage density
—Rivers
—Runoff
Sheet floods
—Streams
—Watersheds (basins)
Watersheds (divides)

Interior friction

USE Internal friction

Intermediate hosts 0605

BT—Hosts
RT—Diseases
—Life cycles
Life expectancy
Life history studies

Intermediate rocks 0807

BT—Igneous rocks
—Rocks
NT Andesite
Diorite
Syenite
RT—Acidic rocks
—Basic rocks
—Plutonic rocks
Ultrabasic rocks
—Volcanic rocks

Intermittent streams 0808

BT—Bodies of water
—Land forms
—Non-perennial streams
—Streams
—Watercourses (legal)
RT Arroyos
Ephemeral streams
Seasonal
Snowmelt
—Springs (water)

Internal combustion engines 2111

UF Engines (internal combustion)
Dil engines
NT Diesel engines
RT Cams
Carburetors
Fuels
Gasoline
Manifolds
—Motors
Pistons
Power transmission (mechanical)
Prime movers

Internal forces 2011

UF Forces (internal)
RT Adhesion
Cohesion
Contraction
—Expansion
—Expansive forces
Internal friction
Linear expansion
—Loads (forces)
—Pore pressure
—Pressure
—Shrinkage
Strength of materials
—Stress
Swelling pressure
Total loads
Total stress

Internal friction 1202

UF Interior friction
BT—Friction
—Mechanical properties
RT Angle of repose
Cohesion
—Damping
—Density
Effective stress
External friction
Friction coefficient (hydraulic)
Friction coefficient (mechanical)
Friction tests
Hysteresis
Internal forces
Mohr circle
Mohr envelope
Mohr failure theory

INTERNATIONAL COMMISSIONS

Internal friction (Con.)

- Negative friction
- Positive friction
- Shear planes
- Shear strength
- Shear tests
- Sliding resistance
- Soil properties
- Solid friction
- Strength of materials
- Viscosity

International commissions 0504

- UF Commissions, international
- RT Federal government
- International compacts

International compacts 0504

- UF Agreements (foreign)
- Agreements (international)
- Compacts (international)
- Foreign agreements
- Foreign compacts
- Foreign treaties
- International treaties
- BT Agreements
- Treaties

RT Commercial fishing

- Developing countries
- Export
- Federal government
- Foreign countries
- Foreign products
- Foreign trade
- Foreign waters
- International commissions
- International law
- International waters
- Law of the sea
- Oil industry
- Policies
- Political science
- Water plans

International geophysical year

- 0504
- RT Geophysics
- Hydrologic aspects
- Meteorology

International hydrological decade

- 0504
- RT Conferences
- Foreign countries
- Hydrologic aspects
- Publications
- Stations

International law 0504.1

- BT Legal aspects
- NT Law of the sea
- RT Foreign trade
- Foreign waters
- International compacts
- International waters
- Litigation
- Organizations
- Political science
- Regulations
- Sociology

International policies

- USE Foreign policies

International treaties

- USE International compacts

International waters 0504

- RT Commercial fishing
- Foreign trade
- Foreign waters
- International compacts
- International law
- Oil industry
- Treaties
- Water treatment

Interrupters 0901

- BT Control equipment
- Electrical equipment
- Electric switches
- RT Air gaps
- Circuit breakers
- Disconnecting switches
- Electric relays
- Interrupter switches
- Interrupting capacity
- Overloads

Interrupter switches 0901

- BT Control equipment
- Electrical equipment
- Electric switches
- RT Air gaps
- Circuit breakers
- Disconnecting switches
- Electric relays
- Interrupters
- Overloads

Interrupting capacity 0901 0903

- RT Circuit breakers
- Electric current
- Electric potential
- Interrupters

Interstate 0504

- RT Cooperatives
- Equitable apportionment
- Governments
- Institutions
- Political aspects
- State governments
- Water policy
- Water resources development

Interstate commissions 0504

- RT Interstate compacts
- Interstate rivers
- Organizations
- River basin commissions
- Water resources development

Interstate compacts 0504.1

- UF Compacts
- Compacts (interstate)
- RT Interstate commissions
- Interstate rivers
- Water law
- Water plans

Interstate rivers 0808

- BT Bodies of water
- Land forms
- Rivers
- Running waters
- Streams
- Surface waters
- Waterways

- RT Equitable apportionment
- Interstate commissions
- Interstate compacts
- Water plans

Interstices 1407

- RT Capillarity
- Capillary conductivity
- Cavities
- Cracks
- Infiltration
- Percolation
- Permeability
- Pores
- Porosity
- Porous media
- Voids

Intertidal areas 0810

- UF Foreshore
- BT Regions
- RT Aquatic habitats
- Beaches
- Estuaries
- Mud flats
- Mud-water interfaces
- Shores
- Terrestrial habitats
- Tidal effects
- Tides

Interties

- USE Interconnected systems

Intrinsic pressure 2012

- BT Pressure
- RT Cohesion
- Cohesive strength
- Effective stress
- Residual stress

Intrusion

- USE Saline water intrusion

Intrusion (salinity)

- USE Saline water intrusion

Intrusion (salt water)

- USE Sea water intrusion

Intrusion (sea water)

- USE Sea water intrusion

Invasion 0606

- RT Competition
- Environmental effects
- Insects
- Succession
- Vegetation establishment
- Weeds

Inventions 1407

- RT Cost savings
- Creativity
- Efficiencies
- Ideas
- Industrial production
- Innovation
- Labor savings
- Legal aspects
- Patents
- Payment

Inversion (temperature)

- USE Temperature inversions

Invertebrates 0603.2

- BT Animals
- NT Amphipoda
- Annelids
- Aquatic insects
- Bloodworms
- Brine shrimp
- Caddisflies
- Clams
- Commercial shellfish
- Copepods
- Coral
- Crabs
- Crayfish
- Crustaceans
- Daphnia
- Diptera
- Dobsonflies
- Dragonflies
- Gastropods
- Insects
- Isopods
- Jelly fish
- Lacewings
- Lobsters
- Mayflies
- Midges
- Miles
- Mollusks
- Mosquitoes
- Mussels
- Nematodes
- Oligochaetes
- Opossum shrimp
- Oysters
- Pink shrimp
- Protozoa
- Rotifers
- Shrimp
- Sludge worms
- Snails
- Stonellies
- Teredos
- Trematodes
- Tubificids
- Water beetles
- Waterfleas
- Worms
- RT Animal groupings
- Aquatic animals

Inverted drainage wells

- USE Drainage wells

Inverted filters 1313.1

- UF Reverse filters
- BT Filters
- RT Drains
- Piping (erosion)
- Sand filters
- Seepage control

Inverted siphons

- USE Siphons

Inverters 1002

- NT Rectifiers
- RT Converters (electrical)
- Electric generators
- Electric motors

Investigations 1314 1402

- NT Field investigations
- Foundation investigations
- Geologic investigations
- Petrographic investigations
- Preliminary investigations
- Seismic investigations
- Soil investigations
- Subsurface investigations
- RT Basic research
- Census
- Data collections
- Design data
- Economic justification
- Exploration
- Feasibility
- Field permeability tests
- Field tests
- Planning
- Pollutant identification
- Project planning
- Research and development
- Sampling
- Surveying
- Surveys
- Tests

Investment 0503

- UF Capital investment
- RT Capital
- Credit
- Debt
- Economic efficiency
- Economics
- Equipment
- Finance
- Financial analysis
- Financing
- Interest (finance)
- Participating funds
- Principal
- Profit
- Return (monetary)
- Royalties

Iodine radioisotopes 1802

- BT Isotopes
- Radioisotopes

Ion adsorption 0701

- BT Adsorption
- NT Anion adsorption
- Cation adsorption
- RT Ion diffusion
- Ion exchange
- Ionization
- Ions
- Surface properties

Ion diffusion 0701

- BT Diffusion
- Ion transport
- Transport phenomena
- RT Ion adsorption
- Ion exchange
- Ionization
- Ions
- Membrane processes

Ion exchange 0701

- BT Separation
- NT Anion exchange
- Cation exchange
- RT Biological membranes
- Demineralization
- Demineralization cells
- Desalination processes
- Diffusion
- Ion adsorption
- Ion diffusion
- Ionization
- Ions
- Ion transport
- Membrane processes
- Membranes
- Permeable membranes
- Separation techniques
- Tertiary treatment
- Transfer
- Water purification
- Water softening
- Water treatment
- Zeolites

Ionization 0702 0703

- BT Chemical reactions
- RT Chemical potential
- Electric coronas
- Electric discharges

THESAURUS OF TERMS

Ionization (Con.)

-Ion adsorption
-Ion diffusion
-Ion exchange
-Ions
Magnetohydrodynamics
Physical chemistry
Plasma physics

Ions 0704

NT Anions
Cations
Protons
RT Alpha particles
Anion adsorption
Anion exchange
Atoms
Cation adsorption
-Chemical elements
-Chemical reactions
Electrolytes
-Ion adsorption
-Ion diffusion
-Ion exchange
Ionization
-Ion transport
Permselective membranes
Plasma physics
Semipermeable membranes

Ion translocation

USE Ion transport

Ion transport 0701

UF Ion translocation
NT Ion diffusion
RT Biological membranes
Circulation (plants)
Desalination processes
-Diffusion
Electrodialysis
Electrolysis
-Ion exchange
-Ions
Leaching
-Movement
Translocation
Transport depletion

Ion uptake

USE Absorption

Iowa 0806

BT -Corn belt
-Geographical regions
-States (geographical)

Ipomoea batatas

USE Sweet potatoes

Iron 0702

BT -Chemical elements
-Materials
-Metals
NT Cast iron
Wrought iron
RT Cast steel
Ferrites
-Iron alloys
-Iron bacteria
-Iron compounds
Iron oxides
-Steel

Iron alloys 1106

UF Ferroalloys
BT -Alloys
-Metals
NT Carbon alloys
Carbon steels
Cast iron
Cast steel
Cold-rolled steel
High strength steels
Low alloy steels
Low carbon steel
Molybdenum alloys
Prestressed steel
Stainless steel
-Steel
Structural steel
RT -Iron
-Iron compounds
Wrought iron

Iron bacteria 0613

BT -Bacteria
-Microorganisms
NT Ferrobacillus
Thiobacillus ferrooxidans

RT Acid mine water
-Aerobic bacteria
-Aquatic bacteria
-Aquatic microorganisms
-Iron
-Mine wastes
-Sulfate reducing bacteria

Iron compounds 0702 0703

UF Ferric compounds
Ferrous compounds
BT -Chemical compounds
NT Ferrites
Iron oxides
RT -Iron
-Iron alloys
Laterites
-Pedallers
Pyrite
Rusting

Iron oxides 0702

BT -Chemical compounds
-Inorganic compounds
-Iron compounds
-Oxides
RT Ferrites
-Iron
Laterites
Oxidation
Rusting

Irradiation 1808

RT Excitation
Exposure
-Genetics
Neutron absorption
-Radiation
Radiation effects
Radiochemical analysis
X-rays

Irrigable areas

USE Irrigable land

Irrigable land 0203.1

UF Irrigable areas
BT -Land
RT Arable land
Irrigation engineering
Land classification
Land reclamation
Land settlement
Water requirements

Irrigated areas

USE Irrigated land

Irrigated land 0203.1

UF Irrigated areas
BT -Land
RT Arable land
Farm management
-Farms
Farm units
-Irrigation
Irrigation districts
Irrigation effects
Irrigation operation & maintenance
-Irrigation practices
Irrigation programs
-Irrigation systems
-Irrigation water
-Water rights

Irrigation 0203.1

NT Border irrigation
Flood irrigation
-Furrow irrigation
-Gravity irrigation
-Irrigation systems
Mist irrigation
Mole irrigation
Sprinkler irrigation
Subsurface irrigation
Supplemental irrigation
-Surface irrigation
Trickle irrigation
RT Agriculture
Arable land
California pipe method
-Canals
Demand (irrigation systems)
Development farms
-Ditches
Equalizing reservoirs
Experimental farms
Farm ponds

Infiltration
Irrigated land
-Irrigation canals
Irrigation design
Irrigation districts
Irrigation ditches
Irrigation effects
Irrigation efficiency
Irrigation engineering
Irrigation operation & maintenance
Irrigation permits
-Irrigation practices
Irrigation programs
-Irrigation systems
-Irrigation water
Irrigation wells
Land development
Land preparation
Land reclamation
-Laterals
Leaching
Miners inch
Multiple purpose projects
Multiple purpose reservoirs
Plastic pipes
-Prior appropriation
Project benefits
Pumping plants
Recirculating irrigation system
-Reclamation
Reimbursable costs
Repayment contracts
River basin development
-Seepage
Soil reclamation
Soil-water relationship
Supplemental water
-Surface waters
Waste water
Waste water (pollution)
Waste water use
Water application rate
Water delivery
Water distribution (applied)
-Water management (applied)
Water permits
-Water policy
Water requirements
-Water resources management
-Water rights
Wetting front

Irrigation canals 1313.1

BT -Canals
-Channels
-Conveyance structures
-Waterways
NT -Laterals
Sublaterals
RT Agriculture
Concrete-lined canals
-Ditches
Drainage systems
-Irrigation
Irrigation design
Irrigation ditches
Irrigation engineering
Land reclamation
Regime theory
-Surface irrigation
Turnouts
Unlined canals
Water conveyance
Water requirements

Irrigation design 0203.1

BT -Design
RT Canal design
Canal linings
-Closed conduit flow
-Closed conduits
Diversion structures
-Irrigation
-Irrigation canals
Irrigation ditches
Irrigation efficiency
Irrigation engineering
-Irrigation practices
Irrigation programs
-Irrigation systems
Open channel flow
-Pipelines
-Pumps

Irrigation districts 0504

RT Farm units
Irrigated land
-Irrigation

IRRIGATION ENGINEERING

Water contracts
Water costs
Water delivery
-Water management (applied)
Water users

Irrigation ditches 0203.1

BT -Ditches
RT -Acequias
-Aquatic weeds
Drainage systems
-Embankments
Furrow systems
-Irrigation
-Irrigation canals
Irrigation design
Irrigation engineering
-Irrigation systems
-Laterals
-Pest control
Turnouts
Water distribution (applied)

Irrigation effects 0203.1

BT -Effects
RT -Agronomic crops
-Alkaline soils
Alkali soils
Crop response
Drainage effects
-Environmental effects
-Evapotranspiration
Fertilization
Frost prevention
Irrigated land
-Irrigation
Irrigation efficiency
Leaching
-Plant growth
Plant physiology
Saline soils
Saturated soils
Soil chemical properties
-Soil properties
Soil-water-plant relationships
Water injury
Waterlogged land
Water spreading

Irrigation efficiency 0203.1

BT -Efficiencies
RT Crop production
Crop response
Demand (irrigation systems)
Duty of water
-Irrigation
Irrigation design
Irrigation effects
Irrigation operation & maintenance
-Irrigation practices
Irrigation programs
-Irrigation systems
-Irrigation water
Soil-water-plant relationships
Water application rate
Water delivery
Water requirements
Wetting front

Irrigation engineering 0203.1

BT -Engineering
RT Agricultural engineering
Bench leveling
Canal design
Channeling
-Conduits
-Ditches
Drainage engineering
-Engineering structures
Farm equipment
-Flumes
-Furrow irrigation
Irrigable land
-Irrigation
-Irrigation canals
Irrigation design
Irrigation ditches
-Irrigation systems
-Land forming
-Pipes
-Pumps
Siphons
Soil conservation
Turnouts
-Venturi flumes
-Water management (applied)
-Water resources management

IRRIGATION OPERATION & MAINTENANCE

THESAURUS OF WATER RESOURCES TERMS

Irrigation impoundments

USE Farm ponds

Irrigation laws

USE Water rights

Irrigation networks

USE Irrigation systems

Irrigation operation & maintenance 0203.1

BT — Operation and maintenance
RT Application equipment

— Application methods
— Farm management
— Farm units
— Irrigated land
— Irrigation
— Irrigation efficiency
— Irrigation practices
— Irrigation systems
— Maintenance
— Maintenance costs
— Operating costs
— Operations
— Water delivery
— Water distribution (applied)
— Water management (applied)
— Water resources management
— Water users

Irrigation permits 0504.1

BT — Licenses
— Permits
RT Farm units
— Irrigation
— Irrigation water

Irrigation practices 0203.1

NT Supplemental irrigation
RT Adoption of practices
— Agronomy
— Application equipment
— Artificial recharge
— Cultivation
— Demand (irrigation systems)
— Diversion
— Diversion structures
— Duty of water
— Farm management
— Fertilization
— Fertilizers
— Gravity irrigation
— Infiltration
— Irrigated land
— Irrigation
— Irrigation design
— Irrigation efficiency
— Irrigation operation & maintenance
— Irrigation programs
— Irrigation systems
— Irrigation water
— Laterals
— Leaching
— Pasture management
— Range management
— Rates of application
— Rotation
— Soil management
— Soil-water-plant relationships
— Sprinkler irrigation
— Timing
— Water allocation (policy)
— Water application rate
— Water delivery
— Water distribution (applied)
— Water management (applied)
— Water pricing
— Water requirements
— Water resources management
— Water reuse
— Water salvage
— Water spreading
— Wetting front

Irrigation programs 0203.1

BT — Water policy
RT Drainage systems
— Farm units
— Governmentis
— Irrigated land
— Irrigation
— Irrigation design
— Irrigation efficiency
— Irrigation practices
— Irrigation systems
— Irrigation water
— Policies

Water allocation (policy)
— Water management (applied)
— Water utilization
— Wildlife conservation

Irrigation storage ponds

USE Farm ponds

Irrigation systems 0203.1

UF Irrigation networks
BT — Irrigation
NT Border irrigation
— Buried irrigation systems
— Distribution systems
— Furrow irrigation
— Gravity irrigation
— Mist irrigation
— Recirculating irrigation system
— Sprinkler irrigation
— Subsurface irrigation
— Surface irrigation
— Trickle irrigation
RT Application equipment
— Application methods
— Concrete pipes
— Dikes
— Diversion dams
— Drainage systems
— Farm equipment
— Flexible pipes
— Irrigated land
— Irrigation
— Irrigation design
— Irrigation ditches
— Irrigation efficiency
— Irrigation engineering
— Irrigation operation & maintenance
— Irrigation practices
— Irrigation programs
— Irrigation wells
— Laterals
— Pipes
— Pumping
— Water application rate
— Water control
— Water distribution (applied)
— Water reuse
— Water sources

Irrigation waste water

USE Return flow

Irrigation water 0203.1

BT — Water
— Water types
NT Return flow
RT Application methods
— Artificial recharge
— Artificial use
— Beneficial use
— Brackish water
— Consumptive use (water)
— Duty of water
— Farm ponds
— Infiltration
— Irrigated land
— Irrigation
— Irrigation efficiency
— Irrigation permits
— Irrigation practices
— Irrigation programs
— Irrigation wells
— Percolation
— Prior appropriation
— Reasonable use
— Reimbursable costs
— Repayment contracts
— Reservoir operation
— Reservoirs
— Retention dams
— Riparian rights
— Salinity
— Seepage
— Supplemental water
— Surface-groundwater relationships
— Water costs
— Water demand
— Water loss
— Water policy
— Water quality
— Water reuse
— Water rights
— Water storage
— Water sources

Irrigation water requirements

USE Water requirements

Irrigation wells 0203.1 0803.1

BT — Water wells
— Wells
RT Aquifer tests
— Artificial recharge
— Drawdown
— Groundwater
— Irrigation
— Irrigation systems
— Irrigation water
— Pumping

Irrrotational flow

USE Potential flow

Islands 0806

BT — Land
— Land forms
NT Hawaii
RT Atolls
— Beaches
— Boundaries (property)
— Waves

Isobars 0402

RT Atmospheric pressure
— Contours
— Gradients
— Mapping
— Pressure
— Weather data

Isohyets 0402

RT Contours
— Mapping
— Rainfall
— Weather data

Isolation 1407

RT Separation
— Separation techniques
— Spacing

Isolators (vibration)

USE Vibration damping

Isopods 0603.2

UF Cyathura polita
BT — Animals
— Aquatic animals
— Aquatic life
— Crustaceans
— Invertebrates

Isotherms 2013

RT Air temperature
— Contours
— Gradients
— Mapping
— Temperature
— Thermographs
— Weather data

Isotope chronology

USE Radioactive dating

Isotopes 1802

NT Arsenic radioisotopes
— Cadmium radioisotopes
— Carbon radioisotopes
— Chlorine radioisotopes
— Cobalt radioisotopes
— Deuterium
— Gold radioisotopes
— Iodine radioisotopes
— Lead radioisotopes
— Phosphorus radioisotopes
— Plutonium radioisotopes
— Potassium radioisotopes
— Radioisotopes
— Radium radioisotopes
— Sodium radioisotopes
— Stable isotopes
— Strontium radioisotopes
— Thallium radioisotopes
— Tritium
— Uranium radioisotopes
— Zinc radioisotopes
RT Atoms
— Chemical element
— Radioactive dating
— Radioactive decay
— Radioactive tracers
— Radioactive wastes
— Radioactivity
— Radiochemistry
— Tracers

Isotopes (radioactive)

USE Radioisotopes

Isotopes (stable)

USE Stable isotopes

Isotropy 0704

BT — Optical properties
— Physical properties
RT Anisotropy
— Magnetic properties
— Mechanical properties
— Orientation
— Strength of materials
— Texture

Jacking 1308 1315

RT Boring machines
— Crossings
— Flat jack method
— Foundations
— Hydraulic jacks
— Jacking tests
— Jacks (mechanical)
— Pile driving
— Pipe laying
— Pipes
— Shoring
— Tunnel construction
— Tunneling
— Tunnels

Jacking tests 1402

BT — Field tests
— In situ tests
— Tests
RT — Field investigations
— Flat jack method
— In situ rock
— Instrumentation
— Jacking
— Loading tests
— Rock competency
— Rock foundations
— Rock mechanics
— Rock properties
— Rock tests
— Test machines
— Tunnels

Jack pine trees 0206 0603.1

UF Pinus banksiana
BT — Coniferous trees
— Conifers
— Gymnosperms
— Pine trees
— Plants (botany)
— Trees

Jacks (mechanical) 1309

UF Mechanical jacks
NT Hydraulic jacks
RT Flat jack method
— Foundations
— Hand tools
— Jacking
— Posttensioning
— Prestressed concrete
— Prestressing
— Shoring

Jacks (structural shape) 1302

UF Kerner jacks
— Structural shape jacks
RT Channel improvements
— Channel protection
— Deposition
— Gabions
— Groins (structures)
— Hydraulic engineering
— River training
— Stable channels
— Structural shapes

Jelly fish 0603.2

BT — Animals
— Aquatic animals
— Aquatic life
— Invertebrates

THESAURUS OF TERMS

Jelly fish (Con.)

-Marine animals

Jet diffusion 2004

BT -Chemical properties
-Diffusion
-Transport phenomena
RT Aerodynamics
Chute blocks
Dentated sills
Diffusers
Energy dissipators
-Fluid flow
-Hydraulic gates
-Hydraulic valves
Jets
Mixing
Nozzles
Spraying
Stilling basins
Submerged flow
Vortices

Jet pumps 1311

BT -Hydraulic machinery
-Machines
-Pumps
RT Ejectors
-Equipment
Jets

Jets 2004

RT Aerodynamics
-Diffusion
-Equipment
-Flow
-Fluid flow
High velocity
Hydraulic mining
Hydrostatic pressure
Impulse turbines
Jet diffusion
Jet pumps
Jetting
Nozzles
-Orifices
Pressure head
-Pumps
Rotational flow
Vena contracta
Wakes

Jetsam 0803

BT -Aquatic drift
RT Flotsam
Law of the sea
-Ships

Jet streams (meteorology) 0402

BT -Wind (meteorology)
RT Air currents

Jetties 1313.1

BT -Coastal structures
RT Bulkhead line
-Concrete structures
Control structures
Dikes
-Docks
Harbors
-Hydraulic structures
Inlets (waterways)
-Piers
Rubble mounds
Sea walls
Shore protection
Tidal powerplants

Jetting 1315

RT -Drilling
Hydraulic excavation
Jets
-Penetration
-Pile driving
Wellpoints

Jet valves

USE Needle valves

Jigs 1309

RT Mechanical equipment

Job analysis 0509

RT -Efficiencies
-Evaluation
Human engineering
-Management
Performance
Performance rating
Personnel management

Responsibilities

Job possibilities

USE Employment opportunities

Johnsongrass 0603.1

UF Sorghum halepense
BT -Grasses
-Monocots
-Plants (botany)
RT Riparian plants
Sorghum
-Weeds

Joint costs 1401

BT -Costs
RT Construction costs
Electric power costs
Separable costs

Joint fillers 1101

BT -Fillers
RT Caulking compounds
Circumferential joints
Concrete linings
-Construction joints
Contraction joints
Dry pack mortar
Expansion joints
Horizontal joints
-Joints (connections)
Longitudinal joints
Mastics
-Sealants
Sealing compounds
-Seals (stoppers)
Transverse joints
Vertical joints
Water seals
Water stops

Joints (connections) 1305

NT Bolted joints
Butt joints
Circumferential joints
-Construction joints
Contraction joints
Expansion joints
Horizontal joints
Lap joints
Longitudinal joints
Pin connected joints
Pipe joints
Riveted joints
Tapered joints
Transverse joints
Universal joints
Vertical joints
Welded joints
RT Abutments
-Bolts
Bonding
Brazing
-Closures
Collars
Compression fittings
Concrete linings
Connectors (mechanical)
-Couplings
Dowels
-Fasteners
Fillet welds
-Fittings
Fixed structures
Flanges
Gusset plates
Hinges
Joint fillers
Junctions
Nails
-Pins (mechanical)
-Pipes
Rigid frames
Riveting
Screws
Soldering
Spacers
Spot welding
-Structural members
-Trusses
-Welds

Joints (construction)

USE Construction joints

Joints (flexible)

USE Flexible couplings

Joints (geology) 0807

BT -Fissures (geology)
-Geologic structures
RT -Cracks
Discontinuities
Faults (geology)
Folds (geology)
-Fractures
Fractures (geology)
Horizontal joints
Ripping
Structural geology
Tunneling
Unlined tunnels
-Water loss

Joints (pin connected)

USE Pin connected joints

Journal bearings 1309

BT -Bearings
RT -Alloys
Bearing pressure
Bronzes
Bushings
-Friction
-Loads (forces)
Lubricants
Power transmission (mechanical)
Roller bearings
-Shafts (machinery)
-Supports

Judgment

USE Reasoning

Judicial decisions 0504.1

UF Appeals
Court decisions
RT -Legal aspects
Litigation
Torts
-Water law

Junctions 1407

RT Bifurcations
-Boundaries (surfaces)
-Joints (connections)
Manholes
-Open channels
Resistance networks
Tributaries
Trifurcations

Juniper trees 0603.1

UF Juniperus species
BT -Coniferous trees
-Conifers
-Gymnosperms
-Plants (botany)
-Trees
RT Coniferous forests

Juniperus species

USE Juniper trees

Jurisdiction 0504.1

NT Federal jurisdiction
State jurisdiction
RT Federal-state water rights conflicts
-Legal aspects
Litigation
Political aspects
Reservation doctrine
-Water rights

Juvenile fishes 0603.2

BT -Animals
-Aquatic animals
-Aquatic life
-Fish
-Wildlife
NT Fry
RT Immature growth stage
Juvenile growth stage

Juvenile growth stage 0603.2

BT -Growth stages
RT Fry
Immature growth stage
-Juvenile fishes

Juvenile water 0807

UF Magnesian water
BT -Sub-surface waters
-Water
-Water types
RT Connate water

Geysers

-Hot springs
-Magma
-Meteoritic water
Volcanoes
Water sources

K

Kansas 0806

BT -Geographical regions
-States (geographical)
RT Reclamation states

Kaolin 0807

BT -Clays
-Earth materials
-Finegrained soils
-Materials
-Soils
RT -Ceramic materials
-Clay minerals
Kaolinite

Kaolinite 0807

BT -Clay minerals
-Minerals
-Silicates
RT -Clays
Illite
Kaolin
-Montmorillonite

Kaplan turbines 1307.1

BT -Hydraulic machinery
-Hydraulic turbines
-Turbines
RT Draft tubes
Francis turbines
Low head
Pelton turbines
Penslocks
Spiral cases
Stay rings
Stay vanes

Karst 0807

BT -Land forms
RT -Carbonate rocks
Caves
Drainage effects
Geomorphology
-Groundwater
Groundwater depletion
-Limestone
-Runoff
Sinkholes
Sinks
Soluble rocks
-Subsurface drainage
Underground openings
Underground streams

Kelner jacks

USE Jacks (structural shape)

Kentucky 0806

BT -Geographical regions
-States (geographical)

Kentucky bluegrass 0603.1

UF Poa pratensis
BT -Bluegrasses
-Crops
-Grasses
-Monocots
-Plants (botany)
RT -Forage grasses
Hay
Merion bluegrass
-Turf grasses

Keyways 1309 1313

RT -Construction joints
Contraction joints
Dowels
Expansion joints
Grooves
Horizontal joints
Longitudinal joints
-Masonry

KEYWORDS

Keyways (Con.)

- Power transmission (mechanical)
- Shafts (machinery)
- Slabs
- Transverse joints

Keywords 0502

- RT Abstracts
- Descriptors
- Documentation
- Indexes (documentation)
- Indexing
- Information retrieval
- Information science
- Information systems
- Subject indexing
- Thesaurus

Killifishes 0603.2

- UF Crenichthys species
- Cyprinodon species
- Empetrichthys species
- Fundulus species
- Topminnows
- BT -Animals
- Aquatic animals
- Aquatic life
- Fish
- Wildlife
- RT -Freshwater fish
- Minnows

Kilns 1301

- BT -Furnaces
- RT Dryers
- Drying
- Ovens

Kinetic energy 2011

- BT -Energy
- RT -Energy transfer
- Kinetics
- Mass
- Mechanics
- Momentum
- Motion
- Potential energy
- Velocity
- Weight

Kinetics 2011

- NT Pesticide kinetics
- RT -Dynamics
- Energy
- Engineering mechanics
- Flow
- Fluid dynamics
- Friction
- Kinetic energy
- Mechanical properties
- Mechanics
- Momentum transfer
- Movement
- Physical properties
- Thermogalvanic cells
- Transfer
- Velocity

Korean lespedeza

USE Lespedeza

Kremastic water

USE Vadose water

Kutter formula 2004

- BT -Equations
- Formulas
- RT Canal design
- Channel design
- Chey equation
- Discharge (water)
- Discharge coefficients
- Discharge measurement
- Flow
- Flow measurement
- Flow resistance
- Fluid flow
- Fluid friction
- Friction coefficient (hydraulic)
- Head losses
- Hydraulic gradient
- Hydraulic radius
- Mannings equation
- Open channel flow
- Roughness (hydraulic)
- Roughness coefficient
- Uniform flow

Labels 1304

- RT -Indicators
- Paper
- Pulp and paper industry
- Tracers

Labor 0509

- RT Employee relations
- Employment
- Engineering personnel
- Labor mobility
- Labor supply
- Labor unions
- Leadership
- Manpower
- Occupations
- Personnel
- Plant efficiencies
- Scientific personnel
- Wages
- Work

Laboratories 1402

- BT -Facilities
- Test facilities
- NT Field laboratories
- Hydraulic laboratories
- Mobile laboratories
- RT -Industrial plants
- Laboratory equipment
- Laboratory tests
- Materials tests
- Research and development
- Research facilities
- Scientific personnel
- Tests

Laboratory animals 0603.2

- BT -Animals
- RT Animal groupings
- Animal physiology
- Bioassay
- Mammal groupings
- Rodents
- Small animals (mammals)

Laboratory equipment 1402

- BT -Equipment
- RT -Acoustic equipment
- Calorimeters
- Cameras
- Centrifuges
- Computers
- Densimeters
- Dynamometers
- Electrical equipment
- Electronic equipment
- Field laboratories
- Furnaces
- Gages
- Hydrometers
- Instrumentation
- Laboratories
- Laboratory tests
- Measuring instruments
- Meters
- Microscopes
- Mixers
- Models
- Optical instruments
- Ovens
- Pressure measuring instruments
- Pressure sensors
- Probes (instruments)
- Pumps
- Research and development
- Sensors
- Spectrometers
- Tensiometers
- Test equipment
- Test facilities
- Test machines
- Turbidimeters
- Vacuum apparatus
- Wheatstone bridge
- Wind tunnels

Laboratory tests 1402

- BT -Tests
- RT Accelerated tests
- Acceptance tests

- Analytical techniques
- Assay
- Compaction tests
- Compression tests
- Concrete tests
- Destructive tests
- Drained shear tests
- Errors
- Experimental data
- Fatigue tests
- Field laboralones
- Field tests
- Filter tests
- Foreign tests
- Freeze-thaw tests
- Friction tests
- Impact tests
- Index tests
- Inspection
- Laboratories
- Laboratory equipment
- Materials tests
- Mechanical analysis
- Model tests
- Nondestructive tests
- Preparation
- Quality control
- Research and development
- Shear tests
- Shock tests
- Sieve analysis
- Similitude
- Soil analysis
- Soil tests
- Static tests
- Test equipment
- Test procedures
- Test results
- Test specimens
- Torsion shear tests
- Triaxial tests
- Turbidimeters
- Vane shear tests
- Vibration tables
- Vibration tests
- Water analysis
- Wetting and drying tests

Labor costs 1401

- BT -Costs
- RT Administrative costs
- Compensation
- Construction costs
- Contingency costs
- Direct costs
- Engineers estimates
- Equipment costs
- Estimated costs
- Indirect costs
- Installation costs
- Labor supply
- Overhead costs
- Payment
- Personnel
- Personnel management
- Salaries
- Total costs
- Unit costs
- Wages

Labor mobility 0509

- UF Migrant labor
- RT -Employment
- Labor
- Labor supply
- Manpower
- Migration
- Occupations
- Social mobility
- Working conditions

Labor relations

USE Employee relations

Labor savings 1401

- RT -Cost analysis
- Costs
- Cost savings
- Cost sharing
- Economic efficiency
- Economics
- Economies
- Efficiencies
- Innovation
- Inventions
- Mechanization
- Productivity
- Profit
- Value engineering

Labor supply 0509

- BT -Supply
- RT Area redevelopment
- Economics
- Efficiencies
- Employment opportunities
- Human resources
- Labor
- Labor costs
- Labor mobility
- Manpower
- Occupations
- Personnel
- Resource allocation
- Wages

Labor unions -0509

- BT -Organizations
- RT -Benefits
- Compensation
- Economics
- Employment
- Industrial relations
- Insurance
- Labor
- Legal aspects
- Litigation
- Organizing
- Personnel management
- Social aspects
- Trade associations
- Training
- Wages
- Working conditions

Lacewings 0603.2

- UF Neuroptera
- BT -Animals
- Insects
- Invertebrates
- RT -Aquatic insects

Lacquers 1103

- BT -Building materials
- Coatings
- Construction materials
- Finishes
- RT Enamels
- Metal coatings
- Painting
- Paints
- Primers (coatings)
- Protective coatings
- Resins
- Varnishes

Lactobacillus 0613

- BT -Aerobic bacteria
- Bacteria
- Microorganisms
- Plants (botany)
- RT -Enteric bacteria
- Thermophilic bacteria

Lacustrine clays

USE Lacustrine deposits

Lacustrine deposits 0807

- UF Clays (lacustrine)
- Deposits (lacustrine)
- Lacustrine clays
- Lacustrine silts
- BT -Earth materials
- Land forms
- Materials
- Sediments
- Soils
- RT -Clays
- Deposition
- Fluvial morphology
- Lake basins
- Lake beds
- Lake morphology
- Lakes
- Lake soils
- Marine clays
- Organic clays
- Organic soils
- Peat
- Peat bog
- Playa lakes
- Playas
- Sedimentation
- Varves

Lacustrine silts

USE Lacustrine deposits

THESAURUS OF TERMS

LAND

Ladders 1303

- RT -Construction equipment
- Scaffolds
- Stairs

Ladine clover 0204 0603.1

- BT -Agronomic crops
- Clovers
- Crops
- Dicots
- Field crops
- Forage legumes
- Forages
- Horticultural crops
- Legumes
- Plants (botany)

Lagged benefits 0501 0503

- BT -Benefits
- RT -Deferred benefits

Lagging 1303

- RT -Absorbers
- Cushioning
- Damping
- Insulation
- Mines
- Shoring
- Timbers
- Tunnel construction
- Tunnel linings
- Tunnels
- Tunnel supports
- Vermiculite

Lag methods

- USE Flood routing

Lagooning

- USE Waste storage

Lagoons (landforms) 0808

- RT -Basins
- Beaches
- Channels
- Inlets (waterways)
- Lakes
- Oceans
- Shallow water
- Shores

Lagoons (ponds) 1302.1 1302.6

- BT -Land forms
- NT -Oxidation lagoons
- Sewage lagoons
- RT -Evaporation
- Reservoirs
- Sewage treatment
- Sewage works
- Sludge disposal
- Waste disposal
- Water
- Water supply

Lag time

- USE Time lag

Laitance 1303.1

- UF -Laitants
- RT -Bleeding (concrete)
- Concrete finishing
- Concrete mixes
- Concrete technology
- Consolidation
- Fine aggregates
- Fines
- Vibratory compaction

Laitants

- USE Laitance

Lake basins 0808

- BT -Basins
- RT -Lacustrine deposits
- Lake beds
- Lake morphology
- Lake morphometry
- Lakes
- Playa lakes
- Watersheds (basins)

Lake beds 0808

- BT -Beds
- RT -Beds under water
- Dry beds
- Lacustrine deposits
- Lake basins
- Lake bottom springs
- Lake morphology

- Lakes
- Playa lakes
- Playas
- Sediment deposits
- Sediments

Lake bottom springs 0808.1

- BT -Running waters
- Springs (water)
- RT -Artesian aquifers
- Hot springs
- Lake beds
- Lakes

Lake breezes 0402

- BT -Wind (meteorology)
- RT -Diurnal
- Land breezes
- Meteorologic water
- Sea breezes

Lake fisheries 0603.2

- BT -Fisheries
- RT -Bait fishing
- Cold-water fish
- Freshwater fish
- Ice fishing
- Reservation doctrine
- Reservoir fisheries
- Sport fish
- Sport fishing
- Warm-water fish

Lake herring

- USE Cisco

Lake ice 0812

- BT -Ice
- RT -Floating ice
- Ice cover
- Iced lakes
- Ice fishing
- Ice skating
- Ice-water interfaces
- Lakes

Lake morphology 0807

- BT -Morphology
- RT -Beaches
- Glaciation
- Lacustrine deposits
- Lake basins
- Lake beds
- Lakes
- Lake shores
- Playa lakes
- Playas
- Shape

Lake morphometry 0808

- RT -Areal
- Bathymetry
- Dimensions
- Hydrography
- Lake basins
- Lakes
- Lake shores
- Measurement
- Slopes
- Sounding
- Volume

Lakes 0808

- (includes the body of water and the containing basin)

- BT -Bodies of water
- Land forms
- Standing waters
- Surface waters
- Water

NT Detention reservoirs

- Farm ponds
- Great ponds
- Playa lakes
- Ponds
- Sagponds
- Saline lakes
- Strip mine lakes

RT Bayous

- Bogs
- Boundaries (property)
- Calefaction
- Closed basins
- Density stratification
- Depression
- Epilimnion
- Equalizing reservoirs
- Fresh water
- Groundwater hydrology

Hypolimnion

- Impoundments
- Lacustrine deposits
- Lagoons (landforms)
- Lake basins
- Lake beds
- Lake bottom springs
- Lake ice
- Lake morphology
- Lake morphometry
- Lake shores
- Lake stages
- Limnology
- Meromixis
- Multiple purpose reservoirs
- Navigable waters
- Playas
- Profundal zone
- Reservoir construction
- Reservoirs
- Sedimentary basins (geological)
- Stratification
- Stream channels
- Swamps
- Thermocline
- Turnovers
- Water
- Water resources
- Water surface
- Waterways

Lake shores 0806

- BT -Land forms
- Shores
- RT -Beach erosion
- Beaches
- Beach sands
- Lake morphology
- Lake morphometry
- Lakes

Lake soils 0807

- BT -Earth materials
- Materials
- Soils
- Soil types
- RT -Clays
- Lacustrine deposits
- Mud-water interfaces
- Playas
- Sediment deposits
- Sediment-water interfaces
- Silt

Lake stages 0808

- UF -Lake succession
- Pond succession
- Stages (lake)
- BT -Ecosystems
- Succession
- NT -Emerging vegetation stage
- Pioneer stage
- Submerged vegetation stage
- Temporary pond stage
- RT -Climax
- Fen
- Lakes
- Marshes
- Ponds
- Reservoir stages
- Swamps

Lake succession

- USE Lake stages

Lake trout 0603.2

- UF -Salvelinus namaycush
- BT -Animals
- Aquatic animals
- Aquatic life
- Cold-water fish
- Fish
- Freshwater fish
- Pan fish
- Salmonids
- Trout
- Wildlife

Laminar boundary layers 2004

- BT -Boundary layer
- RT -Boundary shear
- Fluid flow
- Fluid mechanics
- Thermal gradient
- Turbulent boundary layers

Laminar flow 2004

- UF -Streamline flow
- BT -Flow

-Fluid flow

- Movement
- RT -Aerodynamics
- Critical flow
- Darcys law
- Flow distribution
- Flow nets
- Flow patterns
- Fluid friction
- Friction coefficient (hydraulic)
- Groundwater flow
- Open channel flow
- Orifice flow
- Pipe flow
- Reverse osmosis
- Reynolds number
- Seepage
- Steady flow
- Subcritical flow
- Transient flow
- Transition flow
- Transport phenomena
- Turbulent flow
- Two-phase flow
- Uniform flow
- Unsteady flow
- Viscosity
- Viscous flow
- Wave suppressors

Laminar-turbulent flow

- USE Transition flow

Laminated glass 1102

- BT -Building materials
- Composite materials
- Glass
- Laminates
- RT -Glass reinforced plastics

Laminated plastics 1104

- BT -Building materials
- Composite materials
- Laminates
- RT -Plastics
- Reinforced plastic pipe
- Reinforced plastics

Laminated wood 1104

- BT -Building materials
- Composite materials
- Laminates
- Materials
- Wood
- NT -Plywoods
- RT -Hybrid beams
- Lumber
- Wooden structures

Laminates 1104

- BT -Building materials
- Composite materials
- NT -Laminated glass
- Laminated plastics
- Laminated wood
- Plywoods
- RT -Adhesion
- Bonding
- Cladding
- Coatings
- Composite beams
- Hybrid beams
- Paper
- Plating
- Reinforced plastics
- Sandwiching
- Sheets
- Substrates
- Varves

Lampreys 0603.2

- BT -Animals
- Aquatic animals
- Aquatic life
- Fish
- Freshwater fish
- Wildlife

NT Ammocetes

- RT -Eels
- Fish parasites
- Marine fish
- Rough fish

Land 0503 0806

- NT -Arable land
- Arid lands
- Deserts
- Grasslands
- Grazing land

LAND ACQUISITION

Land (Con.)

Irrigable land
Irrigated land
-Islands
-Public land
Semi-arid land
Withdrawn lands
RT Agriculture
Capital
Land acquisition
Land classification
Land development
-Land forming
-Land forms
-Land management
Land ownership
Land reclamation
Land settlement
Land subsidence
Land tenure
Land use
-Natural resources
Pasture
Real property
Right-of-way
Soil conservation
-Soils
Surface drainage
Terrain

Land acquisition 0501
UF Acquisition (land)
RT Boundaries (property)
Cadastral surveys
-Easements
Eminent domain
-Land
Land appraisal
Land ownership
Land tenure
-Legal aspects
Negotiations
Property values
Real property
Right-of-way

Land appraisal 0303
BT Appraisals
-Evaluation
RT Assessments
-Cost analysis
-Demand
Eminent domain
Estimating
Land acquisition
Land classification
Land ownership
Land tenure
Land use
-Pricing
-Rates
Right-of-way
-Value

Land breezes 0402
BT -Wind (meteorology)
RT Diurnal
-Hot winds
Lake breezes
Sea breezes

Land classification 0204
BT -Classifications
RT Agriculture
A horizon
Arable land
B horizon
C horizon
Irrigable land
-Land
Land appraisal
Land development
-Land management
Land reclamation
Land use
-Soil horizons
Soil investigations

Land clearing 0203
BT -Clearing
RT Brush control
Clear-cutting
Land development
-Land forming
-Land management
Land preparation
Land reclamation
Landscaping
Land settlement

Land conservation
USE Soil conservation

Land development 1302
BT -Resource development
RT Agriculture
Cadastral surveys
Demonstration farms
Development farms
Economic growth
Experimental farms
-Irrigation
-Land
Land classification
Land clearing
-Land forming
-Land management
Land ownership
Land preparation
Land reclamation
Land resources
Land settlement
Land use
Reforestation
Semi-arid land
Soil conservation
-Surface irrigation
Water requirements

Land drainage
USE Surface drainage

Land erosion
USE Soil erosion

Landfills 1302.1
UF Sanitary fill
BT -Fills
RT Backfills
-Compaction
-Disposal
-Earthworks
-Environmental engineering
Environmental sanitation
Garbage dumps
Hydraulic mine-filling
Land preparation
Land reclamation
Public health
Rolled fills
Sanitary engineering
-Waste disposal

Land forming 0203
UF Land shaping
NT Bench leveling
Terracing
RT Agricultural engineering
Contour farming
Contours
-Drainage
-Earthfill
-Earth handling equipment
Flood control
Furrow drainage
Geomorphology
Graded
Grassed waterways
Irrigation engineering
-Land
Land clearing
Land development
-Land management
Landscaping
Water conservation

Land forms 0806 0807
NT -Alluvial deposits
Alluvial streams
Arroyos
Atolls
-Basins
Bayous
Bays (topographic features)
-Beaches
-Bogs
Canyons
Caves
Cirques
Coastal marshes
-Coastal plains
Coasts
-Continental margin
Continental shelf
Continental slope
Deltas
Drainage basins
Dunes
Effluent streams

Ephemeral streams
Estuaries
Fjords
Freshwater marshes
Gulls
Gullies
Inlets (waterways)
Intermittent streams
Interstate rivers
-Islands
Karst
Lacustrine deposits
-Lagoons (ponds)
-Lakes
Lake shores
-Marshes
Moraines
Mountains
Mud flats
Natural streams
Navigable rivers
Ocean beaches
Oceans
Peat bog
Perennial streams
Playas
-Ponds
Ravines
Reefs
River basins
River beds
-Rivers
Saline lakes
Sand bars
Sand spits
-Seashores
-Shores
Sinkholes
-Streambeds
Stream valley
-Swamps
Terrace deposits
Terraces
Terraces (geological)
Tidal marshes
-Valleys
Volcanoes
Wild rivers
RT -Erosion
-Fluvial morphology
-Geography
-Geologic deposits
-Geologic structures
Geomorphology
-Glacial deposits
Glacial soils
Glaciation
-Land
-Morphology
Orography
Playa lakes
Sedimentary basins (geological)
-Slopes
Stream drainage patterns
Stream meandering
Terrain
Topography
-Waterways

Landing fields
USE Airports

Land leveling
USE Land preparation

Landlocked salmon
USE Atlantic salmon

Land management 0203 0501
UF Land treatment
BT -Management
NT Chiselling
Contour farming
-Cultivation
Deep tillage
Fallowing
Strip cropping
Stubble mulching
Vertical mulching
RT Agricultural engineering
-Civil engineering
-Conservation
Cultivated lands
Demonstration watersheds
Development farms
-Drainage
-Erosion
Erosion control
Experimental farms

Farm management
-Land
Land classification
Land clearing
Land development
-Land forming
Land reclamation
Landscaping
Land use
Reforestation
-Resource conservation
Road construction
-Soil management
Terraces
Terracing
-Vegetation establishment
-Water management (applied)
Watershed management

Land ownership 0504.1

UF Land titles
Ownership (land)
RT Cadastral surveys
-Land
Land acquisition
Land appraisal
Land development
Land tenure
Land use
-Legal aspects
Real property
Right-of-way

Land preparation 0203

UF Land leveling
RT Agriculture
-Drainage
Grading (earthwork)
-Irrigation
Land clearing
Land development
Landfills
Land reclamation
Landscaping
Plowing
Scarifiers
Soil conservation
-Surface irrigation

Land reclamation 1302

UF Reclamation (soil)
BT -Reclamation
RT Agricultural engineering
Agriculture
-Alkaline soils
Arable land
Arid lands
-Conservation
-Drainage
Drainage costs
Drainage practices
Irrigable land
-Irrigation
-Irrigation canals
-Land
Land classification
Land clearing
Land development
Landfills
-Land management
Land preparation
Land settlement
Leaching
-Marshes
-Resource conservation
Saline soils
Salt removal
Semi-arid land
Soil conservation
Soil erosion
Soil investigations
-Soil management
Soil reclamation
-Swamps

Land resources 0503

BT -Natural resources
-Resources
RT -Conservation
-Economics
-Forests
Land development
Land use
-Minerals
-Resource conservation
Vegetation
-Water resources
-Wildlife

THESAURUS OF WATER RESOURCES TERMS

Landscaping 1302

- RT Aesthetics
- Architects
- Architecture
- Beautification
- Earthworks
- Golf courses
- Highway beautification
- Highways
- Land clearing
- Land forming
- Land management
- Land preparation
- Lawns
- Ornamentals
- Parks
- Playgrounds
- Recreation facilities
- Roads
- Scenery
- Shrubs
- Soil conservation
- Terraces
- Terracing
- Trees
- Turf
- Turf grasses
- Vegetation establishment

Land settlement 1314
(establishment of residents)

- RT Demonstration farms
- Development farms
- Irrigable land
- Land
- Land clearing
- Land development
- Land reclamation
- Project planning

Land shaping

- USE Land forming

Landslides 0807

- BT -Earth movements
- Mass wasting
- NT Debris avalanches
- Rocksides
- RT Angle of repose
- Avalanches
- Colluvium
- Critical slopes
- Differential displacements
- Disasters
- Earth materials
- Earthquake damage
- Earthquakes
- Mudflows
- Rockfalls
- Rock glaciers
- Rock mechanics
- Rock noise
- Rock slope stability
- Sliding
- Slipping
- Slip planes
- Slip surface
- Slopes
- Slope stability
- Soil erosion
- Soil mechanics
- Soil stability
- Stability analysis

Land subsidence 0813

- BT -Subsidence
- RT Caves
- Coal mines
- Consolidation
- Deep subsidence
- Deformation
- Drawdown
- Earth movements
- Earthquakes
- Embankment subsidence
- Geomorphology
- Groundwater
- Groundwater depletion
- Groundwater mining
- Land
- Loess
- Mines
- Oil wells
- Ponding
- Pumping
- Sagponds
- Settlement (structural)
- Shallow subsidence
- Sinkholes

- Sinks
- Structural geology
- Water wells
- Wells

Land tenure 0504.1

- RT -Economics
- Land
- Land acquisition
- Land appraisal
- Land ownership
- Land use
- Legal aspects
- Litigation
- Real property
- Water rights

Land titles

- USE Land ownership

Land treatment

- USE Land management

Land use 1302

- RT Catch crops
- Crop production
- Farm management
- Forests
- Industries
- Land
- Land appraisal
- Land classification
- Land development
- Land management
- Land ownership
- Land resources
- Land tenure
- Natural resources
- Non-structural alternatives
- Parks
- Political aspects
- Ranges
- Recreation
- Rural areas
- Small watersheds
- Topography
- Urbanization
- Watersheds (basins)
- Zoning

Languages 0507

- NT Programming languages
- RT Coding
- Communication
- Dictionaries
- Machine translating
- Morphology
- Nomenclatures
- Semantics
- Symbols
- Translating

Lap joints 1305

- BT -Joints (connections)
- RT Bolted joints
- Fasteners
- Pipe joints
- Riveted joints
- Structural design
- Welded joints
- Welds

Laplace equation 1201

- BT -Differential equations
- Equations
- RT Dupuit-Forchheimer theory
- Groundwater movement
- Mathematical analysis
- Permeability
- Porous media

Largemouth bass

- USE Bass

Large structures 1313.5

- UF Major structures
- BT -Structures
- RT -Bridges (structures)
- Canals
- Dams
- Outlet works
- Penstocks
- Powerplants
- Pumping plants
- Small structures
- Spillways

Large watersheds 0808

- BT -Watersheds (basins)

- RT -Channel flow
- Drainage
- Flood control
- Flood forecasting
- Hydrology
- Precipitation (atmospheric)
- Rainfall
- River basins
- Rivers
- Runoff
- Streamflow
- Surface runoff
- Surface waters
- Valleys
- Water conservation
- Water storage
- Water table
- Waterways

Larvae 0603.2

- BT -Animals
- Growth stages
- NT Ammocoetes
- RT -Aquatic insects
- Fish
- Insect eggs
- Insects
- Larval growth stage
- Life cycles
- Life expectancy
- Mosquitoes
- Worms

Larval growth stage 0603.2

- BT -Growth stages
- RT Immature growth stage
- Larvae

Larvicides 0606

- BT -Chemicals
- Pesticides
- Poisons
- RT Insect control
- Insecticides

L.A.S.

- USE Linear alkylate sulfonates

Lasers 2005

- RT -Light
- Luminescence
- Masers
- Surveying

Late impoundment 0808

- BT -Post-impoundment
- Reservoir stages
- RT -Impoundments

Latent heat 0704

- BT -Chemical properties
- Energy
- Heat
- Thermal properties
- RT Calorimeters
- Evaporation
- Fusion
- Melting
- Solidification
- Sublimation
- Thermal capacity
- Vaporization

Lateral forces 2011

- UF Forces (lateral)
- Lateral pressures
- NT Pile lateral loads
- RT Active pressure
- At rest pressure
- Confining pressure
- Earth pressure
- Earthquake loads
- External forces
- Horizontal loads
- Load distribution
- Loads (forces)
- Passive pressure
- Retaining walls
- Wind pressure

Lateral pressures

- USE Lateral forces

Laterals 0203.1 1313.1

- BT -Canals
- Channels
- Conduits
- Conveyance structures
- Hydraulic structures

- Irrigation canals
- Pipelines
- Structures
- NT Sublaterals
- RT -Branches
- Distribution systems
- Ditches
- Drainage systems
- Drains
- Engineering structures
- Irrigation
- Irrigation ditches
- Irrigation practices
- Irrigation systems
- Unlined canals
- Water distribution (applied)

Laterites 0807

- BT -Earth materials
- Materials
- Pedallers
- Soil groups
- Soils
- Soil types
- RT Humid areas
- Iron compounds
- Iron oxides
- Subtropic
- Tropic
- Tropical regions
- Weathering

Lathes 1309

- BT -Machine tools
- RT Boring machines
- Cutting
- Grinders
- Machining

Latitudinal studies 0606

- RT Ecological distribution
- Ecology
- Ecosystems
- Ecotypes

Lava 0807

- BT -Igneous rocks
- Rocks
- Volcanic rocks
- RT Andesite
- Basalt
- Cinders
- Magma
- Pumice
- Rhyolite
- Volcanoes

Lawns 0204

- RT -Cutting management
- Golf courses
- Landscaping
- Parks
- Sprinkler irrigation
- Turf
- Turf grasses
- Urbanization
- Water utilization

Law of the sea 0504.1

- BT -International law
- Legal aspects
- Water law
- RT Admiralty
- Flotsam
- International compacts
- Jetsam
- Litigation
- Navigation
- Oceans

Laws 0504.1

- UF Legal
- RT -Administration
- Building codes
- Governments
- Legal aspects
- Local governments
- Permits
- Planning
- Policies
- Prior appropriation
- Regulations
- Riparian rights
- Torts
- Water law
- Water resources development
- Well regulations

LEACHING

THESAURUS OF WATER RESOURCES TERMS

Layering USE Stratification

Leaching 0701

- UF Soil leaching
- BT Separation techniques
- RT Autoclaves
- Beneficiation
- Cesspools
- Drainage
- Extraction
- Fertilizers
- Foliar
- Groundwater
- Groundwater recharge
- Horizontal drains
- Infiltration
- Ion transport
- Irrigation
- Irrigation effects
- Irrigation practices
- Land reclamation
- Movement
- Nitrates
- Nutrients
- Path of pollutants
- Percolation
- Permeability
- Persistence
- Pesticide kinetics
- Ponding tests
- Runoff
- Saline water intrusion
- Salt balance
- Salt removal
- Soil management
- Soil reclamation
- Soil water
- Solubility
- Soluble salts
- Solvent extractions
- Solvents
- Subsurface drainage
- Tile drains
- Water quality
- Weathering

Lead (element) 0702

- BT Chemical elements
- Heavy metals
- Metals
- RT Lead alloys
- Lead compounds
- Lead radioisotopes
- Superconductors

Lead alloys 1106

- BT Alloys
- Metals
- RT Heavy metals
- Lead (element)

Lead compounds 0702 0703

- BT Chemical compounds
- RT Lead (element)

Leadership 0501

- RT Abilities
- Administration
- Applied psychology
- Careers
- Executives
- Labor
- Management
- Management training
- Morale
- Organizations
- Personnel management
- Productivity
- Professional advancement
- Psychology
- Supervision
- Training

Lead radioisotopes 1802

- BT Isotopes
- Radioisotopes
- RT Heavy metals
- Lead (element)

Leakage 1407

- NT Reservoir leakage
- RT Asphalt membranes
- Autogenous healing
- Buried membrane
- Canal seepage
- Cavities
- Circumferential joints
- Cutoffs

- Flow
- Flow nets
- Gaskets
- Grout curtains
- Grouting
- Grout stops
- Head losses
- Impervious blankets
- Impervious linings
- Impervious membranes
- Infiltration
- Inflow
- Linings
- Losses
- Penetration
- Percolation tests
- Permeability
- Pipe tests
- Piping (erosion)
- Ponding tests
- Porosity
- Sealants
- Seepage
- Seepage losses
- Sinkholes
- Underseepage
- Wastes
- Water loss
- Water seals
- Watertight

Leakage current 2003

- BT Electric current
- RT Electrical insulators
- Electric discharges
- Flashover

Lean clays

USE Clays

Learning 0509 0510

- RT Abilities
- Education
- Environments
- Human behavior
- Human engineering
- Instruction
- Management training
- Memory
- Motivation
- Problem solving
- Programmed instruction
- Psychological aspects
- Reasoning
- Schools (education)
- Training
- Universities
- Visual aids

Leases 0504.1

- RT Agreements
- Contracts
- Exploitation
- Patents
- Regulations
- Rental equipment
- Renting

Least squares method 1201

- BT Mathematical studies
- Methodology
- RT Correlation
- Correlation analysis
- Correlation techniques
- Curve fitting
- Errors
- Mathematical analysis
- Multiple regression
- Numerical analysis
- Optimization
- Quality control
- Regression analysis
- Statistical analysis
- Statistics

Leaves 0603.1

- RT Canopy
- Epidermis
- Foliar
- Humus
- Plants (botany)
- Stomata

Legal

USE Laws

Legal aspects 0504.1

- NT International law
- Law of the sea

- Natural flow doctrine
- Public rights
- RT Administration
- Admiralty
- Agreements
- Boundaries (property)
- Boundary disputes
- Building codes
- Change orders
- Competing uses
- Competitive bidding
- Condemnation
- Contract administration
- Contracting
- Contracting officers
- Contracts
- Easements
- Economics
- Eminent domain
- Equitable apportionment
- Federal government
- Governments
- Insurance
- Inventions
- Judicial decisions
- Jurisdiction
- Labor unions
- Land acquisition
- Land ownership
- Land tenure
- Laws
- Legislation
- Licenses
- Litigation
- Local governments
- Negotiations
- Non-structural alternatives
- Patents
- Permits
- Personal property
- Political constraints
- Prior appropriation
- Procedures
- Project planning
- Public health
- Regulated flow
- Regulations
- Riparian rights
- Risks
- Supply contracts
- Third party effects
- Torts
- Water allocation (policy)
- Water law
- Water quality standards
- Water rights
- Water transfer
- Weather modification
- Well permits
- Well regulations

Legislation 0504.1

- RT Administration
- Building codes
- Governments
- Legal aspects
- Licenses
- Litigation
- Permits
- Planning
- Policies
- Political science
- Prior appropriation
- Regulations
- Riparian rights
- Water law
- Water quality standards
- Water resources development
- Water rights
- Well regulations

Legumes 0204 0603.1

- BT Crops
- Dicots
- Horticultural crops
- Plants (botany)
- NT Alfalfa
- Alsike clover
- Beans
- Clovers
- Crimson clover
- Forage legumes
- Ladino clover
- Lespedeza
- Peanuts
- Red clover
- Soybeans
- Vetch
- White clover

- RT Forage mixtures
- Hay
- Pasture
- Plant groupings

Lemons 0204 0603.1

- UF Citrus limonia
- BT Citrus fruits
- Crops
- Dicots
- Fruit crops
- Horticultural crops
- Plants (botany)
- Stone fruits
- RT Orchards
- Trees

Length 1407

- BT Dimensions
- RT Distance
- Height
- Measurement
- Reaches (distance)
- Slenderness ratio
- Spans
- Thickness
- Thinness
- Width

Lenses (optical) 2006

- UF Optical lenses
- RT Cameras
- Distortion (optics)
- Goggles
- Microscopes
- Optical instruments
- Optics
- Photographic equipment
- Refraction

Lenses (soils) 0807

- RT Groundwater barriers
- Groundwater mounds
- Soil profiles
- Strata
- Stratification

Lentic environments 0808

- BT Aquatic environment
- Environments
- RT Movement
- Standing waters

Leontief models 1201

- BT Input-output analysis
- Mathematical studies
- Model studies

Lepomis species

USE Sunfishes

Leptodora kindtii

USE Waterfleas

Lespedeza 0204 0603.1

- UF Korean lespedeza
- Sericea
- BT Crops
- Dicots
- Horticultural crops
- Legumes
- Plants (botany)
- RT Agronomic crops
- Forage legumes
- Roadbanks

Lesser scaup duck 0603.2

- UF Aythya affinis
- Scaup (lesser)
- BT Animals
- Aquatic life
- Birds
- Ducks (wild)
- Migratory birds
- Waterfowl
- Wildlife

Lethal limit 0606

- RT Dosage
- Pesticides
- Poisons
- Radioactivity effects
- Radiosensitivity
- Toxicity
- Toxins

Lettuce 0204 0603.1

- BT Crops
- Dicots

THESAURUS OF TERMS

LIME

Lettuce (Con.)

- Field crops
- Horticultural crops
- Plants (botany)
- Vegetable crops

Levees 1313.1

- BT -Earthworks
- Embankments
- Engineering structures
- Hydraulic structures
- RT -Barriers
- Borrow pits
- Check dams
- Check structures
- Coastal structures
- Compacted soils
- Dam design
- Dams
- Dikes
- Docks
- Earth dams
- Earthfill
- Earth handling equipment
- Earthmoving
- Fills
- Flood control
- Flood protection
- Floodways
- Overflow
- Phreatic lines
- Revetments
- River regulation
- River training
- Roller fills
- Shore protection
- Underseepage
- Water control
- Zoned embankments

Liabilities 0503

- RT Accounting
- Commerce
- Credit
- Damages
- Debt
- Financing
- Hazards
- Losses
- Torts

Libraries 0502

- RT Abstracts
- Bibliographies
- Classifications
- Data collections
- Dictionaries
- Documentation
- Education
- Facilities
- Indexes (documentation)
- Information centers
- Information retrieval
- Information science
- Information systems
- Publications
- Subject indexing
- Tables (data)
- Translating
- Translations

Library searches

USE Information retrieval

Licenses 0504

- NT In...on permits
- Water permits
- Well permits
- RT Administrative agencies
- Control
- Foreign trade
- Legal aspects
- Legislation
- Patents
- Permits
- Prior appropriation
- Regulations
- Royalties
- State governments

Lichens 0603.1

- BT -Plants (botany)
- RT -Fungi
- Sessile algae
- Symbiosis

Life cycles 0616

- NT Diapause
- RT Age
- Aging (biological)

- Animals
- Balance of nature
- Biorhythms
- Ecology
- Eggs
- Fish reproduction
- Fry
- Growth rates
- Growth stages
- Intermediate hosts
- Larvae
- Life expectancy
- Life history studies
- Migration
- Period of growth
- Phenology
- Plants (botany)
- Smolt
- Spawning

Life expectancy 1407

- RT Age
- Aging (biological)
- Aging (physical)
- Amortization
- Animals
- Balance of nature
- Biorhythms
- Depreciation
- Deterioration
- Durability
- Ecology
- Eggs
- Fish reproduction
- Fry
- Growth rates
- Growth stages
- Human engineering
- Insurance costs
- Intermediate hosts
- Larvae
- Life cycles
- Life history studies
- Maintenance
- Migration
- Period of growth
- Phenology
- Plants (botany)
- Reliability
- Service life
- Smolt
- Spawning
- Stability
- Vulnerability

Life history studies 0616

- RT -Animal behavior
- Biorhythms
- Competition
- Ecology
- Fish establishment
- Fish migration
- Growth rates
- Growth stages
- History
- Intermediate hosts
- Life cycles
- Life expectancy
- Migration
- Period of growth
- Phenology
- Sexual maturity

Lifting machinery

USE Hoisting machinery

Lifts (construction) 1315

- RT -Concrete dams
- Construction control
- Construction joints
- Construction methods
- Construction practices
- Earthfill
- Fills
- Horizontal joints
- Mass concrete
- Roller fills
- Slip forms

Lift slab construction 1315

- BT -Construction
- Construction methods
- RT -Concrete construction
- Construction practices
- Slabs

Light 2006

- UF Light rays
- BT -Electromagnetic waves

- NT Ambient light
- Bottom-reflected light
- RT Color
- Energy
- Environments
- Lasers
- Lighting
- Lighting equipment
- Light intensity
- Light penetration
- Light quality
- Light waves
- Optical measurement
- Optics
- Photoactivation
- Photoelectricity
- Photoperiodism
- Photosynthesis
- Physics
- Polariscopes
- Polarization
- Radiation
- Reflection
- Reflectivity
- Refraction
- Solar radiation
- Visibility
- Vision

Light duration

USE Photoperiodism

Lighthouses 1707

- RT Coasts
- Harbors
- Navigation
- Ships

Lighting 1301

- RT Architecture
- Beautification
- Electric wiring
- Highways
- Human engineering
- Light
- Lighting equipment
- Light quality
- Light waves
- Photography
- Psychological aspects
- Vehicular tunnels

Lighting equipment 1301

- UF Floodlights
- Search lights
- Spotlights
- BT -Equipment
- RT Diffusers
- Light
- Lighting
- Light intensity
- Louvers

Light intensity 2006

- UF Light quantity
- RT -Light
- Lighting equipment
- Light penetration
- Opacity
- Optical properties
- Photometry

Lightning 0401

- BT -Electric current
- Electric discharges
- RT Cloud physics
- Electrical faults
- Electrical grounding
- Electric arcs
- Ground currents
- Lightning arresters
- Meteorology
- Overhead ground wire
- Sparks
- Static electricity
- Storms
- Storm structure
- Thunderstorms

Lightning arresters 0901

- BT -Electrical equipment
- RT Air gaps
- Circuit protection
- Electrical faults
- Electrical grounding
- Electric arcs
- Lightning
- Protection (electrical)

Light penetration 2006

- BT -Penetration
- RT Aphotic zone
- Aquatic environment
- Bottom-reflected light
- Light
- Light intensity
- Profundal zone
- Turbidimeters
- Turbidity

Light quality 2006

- RT -Aquatic environment
- Light
- Lighting
- Optical properties

Light quantity

USE Light intensity

Light rain

USE Drizzle

Light rays

USE Light

Light waves 2006

- BT -Periodic variations
- Waves
- RT Attenuation
- Color
- Infrared radiation
- Light
- Lighting
- Luminescence
- Reflection
- Reflectivity
- Refraction
- Refractivity
- Ultraviolet radiation
- Visibility

Lightweight aggregates 1303.1

- BT -Aggregates
- Granular materials
- RT Cinders
- Concretes
- Fly ash
- Lightweight concretes
- Perlite
- Porous materials
- Pumice
- Sawdust
- Vermiculite

Lightweight concretes 1303.1

- BT -Building materials
- Concretes
- Construction materials
- RT Architectural concrete
- Concrete technology
- Lightweight aggregates
- Structural concrete

Lignins 0703

- BT -Chemical compounds
- Hydrocarbons
- Organic compounds
- NT Chrome lignins
- RT Cellulose
- Fibers (plant)
- Lumber
- Pulp wastes
- Vascular tissues
- Wood
- Wood wastes

Lignite 0807

- BT -Coal
- Fossil fuels
- Organic matter
- Rocks
- Sedimentary rocks
- RT Peat

Lilac 0603.1

- BT -Crops
- Dicots
- Horticultural crops
- Ornamentals
- Plants (botany)
- Shrubs

Lime 1107

- BT -Agricultural chemicals
- Chemicals
- Construction materials
- RT -Acidic soils
- Additives

LIMES

Lime (Con.)

- Calcareous soils
- Calcium carbonate
- Calcium compounds
- Calcium hydroxide
- Cements
- Chalk
- Dolomite
- Fertilizers
- Lime soil mixtures
- Limestone
- Magnesium carbonates
- Magnesium compounds
- Magnesium hydroxide
- Mortars
- Neutralization
- Pedocals
- Plaster
- Slaking
- Sturries
- Soil stabilization

Limes 0204 0603.1

- UF Citrus aurantifolia
- BT -Citrus fruits
- Crops
- Dicots
- Fruit crops
- Horticultural crops
- Plants (botany)
- Stone fruits
- RT Orchards
- Trees

Lime soil mixtures 0813

- UF Soil lime mixtures
- BT -Mixtures
- RT -Calcareous soils
- Lime
- Soil cement
- Soils
- Soil stabilization
- Soil treatment

Limestone 0807

- BT -Calcareous rocks
- Carbonate rocks
- Rocks
- Sedimentary rocks
- NT Chalk
- RT Calcite
- Dolomite
- Karst
- Lime
- Marble
- Marl
- Reefs
- Sinkholes
- Sinks
- Soluble rocks
- Travertine

Limit design 1313.5

- BT -Design
- Structural design
- RT -Structural analysis
- Ultimate loads
- Ultimate strength design

Limiting factors 1407

- RT Balance of nature
- Barriers
- Distribution patterns
- Ecology
- Environmental effects
- Resource conservation

Limnology 0808

- NT Paleolimnology
- RT -Aquatic animals
- Aquatic bacteria
- Aquatic environment
- Aquatic habitats
- Aquatic insects
- Aquatic life
- Aquatic microbiology
- Aquatic microorganisms
- Aquatic plants
- Aquatic populations
- Aquatic productivity
- Biological communities
- Biological properties
- Biology
- Biomes
- Chemical properties
- Density-flow
- Ecology
- Epilimnion
- Eutrophication
- Fresh water

- Freshwater fish
- Freshwater marshes
- Hydrography
- Hydrologic aspects
- Hydrology
- Hypolimnion
- Lakes
- Oligotrophy
- Oxygen demand
- Ponds
- Reservoirs
- Stream pollution
- Streams
- Surface waters
- Thermocline
- Water analysis
- Water chemistry
- Water pollution
- Water properties
- Water quality
- Water temperature

Linear algebra 1201

- BT -Algebra
- Mathematics
- NT Matrix algebra
- RT Tensor analysis
- Transformations
- Vector analysis

Linear alkylate sulfonates 1111

- UF L.A.S.
- BT -Chemical compounds
- Chemicals
- Organic compounds
- Sulfonates
- Sulfur compounds
- Surfactants
- RT Alkylbenzene sulfonates
- Biodegradation
- Detergents

Linear expansion 1407 2013

- BT -Expansion
- RT -Expansive forces
- Extensometers
- High temperature research
- Internal forces
- Temperature
- Thermal expansion

Linear programming 1202

- BT -Operations research
- RT Computer programming
- Constraints
- Dynamic programming
- Game theory
- Linear systems
- Mathematical models
- Mathematics
- Optimization
- Stochastic models

Linear systems 1201

- BT -Algebra
- RT Linear programming
- Matrix algebra
- Nonlinear systems

Lined canals 1313.1

- BT -Canals
- Channels
- Conduits
- Conveyance structures
- Open channels
- NT Concrete-lined canals
- Earth-lined canals
- RT Asphalt membranes
- Bank erosion
- Buried membranes
- Canal seepage
- Concrete linings
- Earth linings
- Flap valves
- Linings
- Membranes
- Soil cement
- Unlined canals

Line dropping

- USE Line switching

Liner plates 1313.2

- BT -Plates
- RT Flat plates
- Metalwork
- Shielding
- Steel plates
- Tunnel construction

- Tunnel linings
- Tunnel supports

Liners

- USE Linings

Line switching 0901.1

- UF Line dropping
- RT -Electric power
- Power dispatching
- Switching
- Transmission (electrical)

Linings 1107

- UF Liners
- Protective linings
- NT Canal linings
- Concrete linings
- Earth linings
- Flexible linings
- Impervious linings
- Pervious linings
- Rigid linings
- Steel linings
- Tunnel linings
- RT Armoring (streambed)
- Asphalt cement
- Asphalts
- Bituminous cements
- Bituminous concretes
- Bushings
- Casings
- Catalytically blown asphalt
- Cathodic protection
- Cements
- Channels
- Chemical sealants
- Coal tar coating
- Coatings
- Concrete-lined canals
- Concretes
- Corrosion control
- Cutback asphalts
- Elastomers
- Epoxy resins
- Films
- Impervious blankets
- Impervious membranes
- Inhibitors
- Leakage
- Lined canals
- Pipes
- Placing
- Plastics
- Protective coatings
- Riprap
- Sealants
- Seepage
- Seepage losses
- Shielding
- Shotcrete
- Surfacing
- Thin films
- Waterproofing
- Water seals
- Water stops

Linseed oil 1108

- BT -Oils
- RT -Paints
- Protective coatings
- Varnishes

Lipids 0601

- UF Fats
- BT -Chemical compounds
- Organic compounds
- RT -Carbohydrates
- Oils
- Proteins

Liquefaction 0704 0813

- NT Soil liquefaction
- RT Cohesionless soils
- Conversion
- Dilatation
- Earthquakes
- Failure (mechanics)
- Fusion
- Liquefied gases
- Loose soils
- Melting
- Mudflows
- Quick clays
- Quicksand
- Shock (mechanics)
- Vibration

Liquefied gases 0704

- RT Cryogenics
- Gases
- Liquefaction
- Liquid-gas interfaces
- Liquid-vapor interfaces

Liquid-gas interfaces 1407

- BT -Boundaries (surfaces)
- Interfaces
- NT Air-water interfaces
- Liquid-vapor interfaces
- RT -Gases
- Liquefied gases
- Liquids
- Vaporization
- Vapor pressure
- Vapors

Liquid level gages 1402

- BT -Gages
- Hydrologic instruments
- Instrumentation
- Measuring instruments
- Test equipment
- RT -Canals
- Depth recorders
- Detectors
- Floats
- Float wells
- Free flow
- Gaging stations
- Pumping tests (wells)
- Recording systems
- Stilling wells
- Stream gaging station
- Water stage recorders

Liquid limit 0813

- BT -Atterberg limits
- Soil properties
- RT Index tests
- Plasticity
- Plasticity index
- Plastic limits
- Relative consistency
- Soil plasticity

Liquids 0704

- RT Aqueous solutions
- Dipping
- Fluids
- Formulation
- Gases
- Hydrometers
- Hydrostatics
- Incompressible flow
- Liquid-gas interfaces
- Liquid-vapor interfaces
- Liquid wastes
- Melting
- Phase diagrams
- Piezometry
- Sturries
- Solvents
- Water types

Liquid-vapor interfaces 1407

- BT -Boundaries (surfaces)
- Interfaces
- Liquid-gas interfaces
- NT Air-water interfaces
- RT -Bubbles
- Evaporation
- Liquefied gases
- Liquids
- Solutions
- Vaporization
- Vapor pressure
- Vapors
- Volatility

Liquid wastes 1302.1

- BT -Wastes
- RT Acid mine water
- Activated carbon
- Biodegradation
- Coagulation
- Desalination
- Effervescence
- Effluent reuse
- Effluents
- Electrodialysis
- Liquids
- Reverse osmosis
- Ultimate disposal

Liquid water content 1407

- BT -Water content

THESAURUS OF WATER RESOURCES TERMS

THESAURUS OF TERMS

Liquid water content (Con.)

- RT -Atmosphere
- Clouds
- Humidity
- Precipitation (atmospheric)
- Snowpacks

Lithification 0807

- RT -Coal
- Rocks
- Sedimentary rocks
- Sedimentology
- Sediments

Lithium 0702

- BT -Alkali metals
- Chemical elements
- Metals
- RT -Lithium alloys
- Lithium compounds

Lithium alloys 1106

- BT -Chemical elements
- Metals
- RT -Alkali metals
- Lithium

Lithium compounds 0702 0703

- BT -Chemical compounds
- RT -Lithium

Litigation 0504

- RT -Boundaries (property)
- Boundary disputes
- Building codes
- Claims (contracts)
- Condemnation
- Contracts
- Easements
- Eminent domain
- Equitable apportionment
- International law
- Judicial decisions
- Jurisdiction
- Labor unions
- Land tenure
- Law of the sea
- Legal aspects
- Legislation
- Negotiations
- Patents
- Permits
- Prior appropriation
- Public rights
- Regulations
- Riparian rights
- Supply contracts
- Water allocation (policy)
- Water law
- Water rights
- Water transfer
- Weather modification

Littoral drift 0803

- UF -Drift (littoral)
- BT -Drift
- RT -Beaches
- Breakwaters
- Debris
- Littoral materials
- Littoral zone
- Marine clays
- Ocean beaches
- Ocean currents
- Ocean waves
- Sand bars
- Sediment transport
- Shores
- Waves
- Waves (water)

Littoral materials 0803

- RT -Alluvial deposits
- Beaches
- Debris
- Flotsam
- Geologic deposits
- Littoral drift
- Littoral zone
- Marine clays
- Sand bars
- Sands
- Sediments

Littoral proprietorship

- USE -Riparian land

Littoral zone 0803

- RT -Beaches
- Benthos

- Continental shelf
- Flotsam
- Littoral drift
- Littoral materials
- Neritic
- Ocean beaches
- Ocean currents
- Oceans
- Shallow water
- Shores
- Tides

Livebearers 0603.2

- UF -Gambusia species
- Mollies
- Mollies
- Poeciliidae
- BT -Animals
- Aquatic animals
- Aquatic life
- Fish
- Freshwater fish
- Wildlife
- RT -Marine fish

Live loads 2011

- BT -Loads (forces)
- NT -Impact loads
- RT -Axial loads
- Cyclic loads
- Dead loads
- Dynamic loads
- Earthquake loads
- External forces
- Ice loads
- Load distribution
- Repeated loading
- Structural analysis
- Structural design
- Total loads
- Vertical loads
- Wind bracing
- Wind pressure

Livestock 0205 0603.2

- BT -Animals
- Domestic animals
- Mammals
- NT -Cattle
- Goats
- Hogs
- Sheep
- RT -Agriculture
- Animal groupings
- Browse utilization
- Carrying capacity
- Confinement pens
- Experimental farms
- Farm management
- Farms
- Forage palatability
- Grazing land
- Mammal groupings
- Ruminants

Livestock wastes

- USE -Farm wastes

Livestock water

- USE -Stock water

Load centers 0901.1

- RT -Electric power
- Electric power demand
- Power dispatching
- Pressure distribution

Load distribution 2011

- BT -Distribution
- RT -Active pressure
- At rest pressure
- Dead loads
- Dynamic loads
- Earth pressure
- Earthquake loads
- Eccentric loading
- Horizontal loads
- Lateral forces
- Live loads
- Loads (forces)
- Pressure
- Pressure distribution
- Reactions (mechanics)
- Shear distribution
- Stress analysis
- Stress concentration
- Stress distribution
- Structural analysis
- Structural design

- Triaxial loads
- Vertical loads

Loaders 1303

- BT -Materials handling equipment
- RT -Earth handling equipment
- Feeders
- Mobile equipment

Load factors 0903 2011

- RT -Design strength
- Earthquake loads
- Failure (mechanics)
- Loads (forces)
- Peaking capacities
- Peak loads (electric)
- Peak power
- Structural design
- Ultimate loads
- Wind pressure

Load-frequency control 0901.1

- BT -Control
- RT -Electric generators
- Electric power
- Electric power demand
- Frequency
- Interconnected systems
- Transmission (electrical)

Loading rate 2011

- BT -Rates
- RT -Loading time
- Loads (forces)
- Periodic variations
- Rates of application
- Settlement (structural)
- Strain rate
- Surcharge

Loading tests 1402

- BT -Tests
- RT -Bearing capacity
- Compression tests
- Dynamic loads
- Dynamic tests
- Flat jack method
- Jacking tests
- Loads (forces)
- Pile tests
- Pressure tests
- Pull-out tests
- Shear tests
- Static tests
- Tension tests
- Vibration tests

Loading time 2011

- BT -Time
- RT -Loading rate
- Loads (forces)

Load rejection 0903

- BT -Rejection
- RT -Circuit breakers
- Electric generators
- Electric relays

Loads (forces) 2011

- NT -Axial loads
- Biaxial loads
- Cyclic loads
- Dead loads
- Dynamic loads
- Earthquake loads
- Horizontal loads
- Ice loads
- Impact loads
- Live loads
- Pile lateral loads
- Radial loads
- Total loads
- Triaxial loads
- Ultimate loads
- Vertical loads
- RT -Bays (structural)
- Bending moments
- Building codes
- Centrifugal force
- Centripetal force
- Compressive stress
- Earth pressure
- Engineering mechanics
- Expansive forces
- Hydraulic pressure
- Ice pressure
- Impact
- Influence charts
- Internal forces

LOCAL GOVERNMENTS

- Journal bearings
- Lateral forces
- Load distribution
- Load factors
- Loading rate
- Loading tests
- Loading time
- Mechanical properties
- Moment distribution
- Moments
- Normal strain
- Pile bearing capacities
- Pressure
- Pressure distribution
- Pressure head
- Pull-out tests
- Reactions (mechanics)
- Repeated loading
- Rigid frames
- Rock pressures
- Shear distribution
- Shear forces
- Shear strain
- Shock (mechanics)
- Soil pressure
- Spans
- Statics
- Static tests
- Strain
- Strain rate
- Stress
- Stress concentration
- Structural analysis
- Structural behavior
- Structural design
- Structural stability
- Supports
- Surcharge
- Swelling pressure
- Torque
- Tractive forces
- Weight
- Wind bracing
- Wind pressure

Loams 0807

- BT -Earth materials
- Materials
- Soils
- Soil types
- NT -Clay loam
- Silly loams
- RT -Clays
- Cohesive soils
- Humus
- Organic clays
- Organic matter
- Organic silts
- Organic soils
- Sands
- Silt
- Topsoil

Loans 0503

- RT -Capital
- Capital supply
- Cost repayment
- Credit
- Debt
- Finance
- Financing
- Interest (finance)
- Repayment

Loblolly pine trees 0206 0603.1

- BT -Coniferous trees
- Conifers
- Gymnosperms
- Pine trees
- Plants (botany)
- Trees
- RT -Coniferous forests

Lobsters 0603.2

- BT -Animals
- Aquatic animals
- Aquatic life
- Crustaceans
- Invertebrates
- Shellfish
- RT -Commercial shellfish

Local governments 0504

- BT -Governments
- RT -Cities
- Civil service
- Government employees
- Laws
- Legal aspects

LOCATING

Local governments (Con.)

- Municipalities
- Organizations
- Political aspects
- Social aspects
- Taxes
- Water resources development
- Zoning

Locating 1407

- RT -Alignment
- Direction finding
- Drilling
- Exploration
- Locations
- Mapping
- Orientation
- Position finding
- Railroad relocation
- Relocation
- Sites
- Surveying
- Tracers

Locations 1407

- RT -Damsites
- Exploration
- Locating
- Mapping
- Plane surveying
- Position finding
- Railroad relocation
- Real property
- Relocation
- Reservoir sites
- Sites
- Site selection
- Survey stations
- Zoning

Lock gates 1313.1 1313.7

- RT -Canals
- Gates
- Hinged structures
- Locks (waterways)
- Miter gates
- Navigable rivers
- Navigable waters
- Sector gates
- Waterways

Locks (waterways) 1313.1

- UF -Navigation locks
- BT -Engineering structures
- Hydraulic structures
- RT -Barges
- Barriers
- Canal design
- Canals
- Check structures
- Concrete structures
- Dams
- Diversion structures
- Drops (structures)
- Drydocks
- Elevators
- Flow control
- Gates
- Lock gates
- Miter gates
- Navigation
- Navigation dams
- Valves

Locomotives 1306

- RT -Mining
- Railroads

Lodgepole pine trees 0206 0603.1

- UF -Pinus contorta
- BT -Coniferous trees
- Conifers
- Gymnosperms
- Pine trees
- Plants (botany)
- Trees

Lodging 0606

- RT -Crop response
- Environmental effects
- Nutrient requirements
- Physiological ecology
- Plant growth
- Plants (botany)
- Resistance

Loess 0807

- BT -Aeolian soils
- Earth materials
- Materials

- Soils
- Soil types
- RT -Dust storms
- Eluvium
- Land subsidence
- Sediment deposits
- Sediments
- Shallow subsidence
- Silt
- Silty loams
- Subsidence
- Wind erosion

Logging (lumber)

USE Lumbering

Logging (recording) 1403

- NT -Electrical logging
- Electrical well logging
- Geophysical logging
- Radioactive well logging
- Well logging
- RT -Borehole cameras
- Borehole geophysics
- Boreholes
- Cores
- Drill holes
- Drill hole TV cameras
- Drilling
- Gamma probes
- Geologic investigations
- Geophysical prospecting
- Logs
- Measuring instruments
- Nuclear probes
- Probes (instruments)
- Recording systems
- Rock properties
- Sediment sampling
- Sensors
- Soil investigations
- Soil profiles
- Subsurface investigations
- Tests
- Wells

Logic (formal)

USE Formal logic

Logic (mathematics)

USE Mathematical logic

Logistics 1505

- RT -Management
- Materials handling
- Military
- Personnel
- Resources
- Stockpiling
- Supply
- Transportation

Logs 1403

(excludes timbers)

- BT -Records
- RT -Boreholes
- Charts
- Data collections
- Drill holes
- Exploration
- Geologic investigations
- Logging (recording)
- Reports
- Soil investigations
- Soil profiles
- Subsurface investigations
- Wells

Lolium perenne

USE Perennial ryegrass

Long-chain alcohols

USE Fatty alcohols

Longevity 0616

- RT -Acclimatization
- Age
- Aging (biological)
- Environmental effects
- Mortality
- Persistence
- Winterkilling

Longitudinal joints 1305

- BT -Joints (connections)
- RT -Circumferential joints
- Construction joints
- Contraction joints
- Dowels

- Expansion joints
- Joint fillers
- Keyways
- Stress relieving
- Transverse joints
- Vertical joints
- Water stops

Longitudinal waves 2014

- BT -Mechanical waves
- Periodic variations
- Waves
- RT -Elastic waves
- Seismic investigations
- Seismic waves
- Shock waves
- Sound waves
- Transverse waves
- Wavelength
- Wave propagation
- Waves (water)
- Wave velocity

Long-term planning 1314

- BT -Planning
- RT -Future planning (projected)
- Project planning
- Short-term planning

Long-tube vertical distillation

- 1302.5
- BT -Distillation
- Separation techniques
- RT -Demineralization
- Desalination
- Desalination processes

Loops (electrical) 0901.1

- RT -Distribution systems
- Interconnected systems
- Networks
- Transmission (electrical)

Loose soils 0813

- BT -Earth materials
- Materials
- Soils
- RT -Cohesionless soils
- Colluvium
- Compressible soils
- Densification
- Embankment subsidence
- Gravels
- Liquefaction
- Pervious soils
- Porous materials
- Relative density
- Settlement (structural)
- Soil density
- Unconsolidated soils

Loran

USE Position finding

Losses 1407

- NT -Diversion losses
- Electric corona losses
- Electric power losses
- Energy losses
- Head losses
- Riparian water loss
- Seepage losses
- Tee losses
- Water loss
- Weight loss
- RT -Damages
- Darcys law
- Eddies
- Energy dissipation
- Energy gradient
- Fluid flow
- Fluid friction
- Friction
- Hazards
- Heat balance
- Hydraulic gradient
- Hydraulic jump
- Leakage
- Liabilities
- Tees
- Turbulent flow

Lotic environment 0808

- BT -Aquatic environment
- Environments
- RT -Hydraulic properties
- Movement
- Running waters

Louisiana 0806

- BT -Coastal plains
- Geographical regions
- States (geographical)

Louvers 1301

- RT -Air circulation
- Apertures
- Baffles
- Diffusers
- Lighting equipment
- Shielding
- Vents

Low alkali cements 1303.1

- BT -Cements
- Portland cements
- RT -Alkali aggregate reactions
- Cement-aggregate reaction
- Concretes

Low alloy steels 1106

- BT -Alloys
- Construction materials
- Iron alloys
- Metals
- Steel
- RT -High strength steels
- Low carbon steel
- Metallurgy
- Stainless steel

Low carbon steel 1106

- BT -Alloys
- Construction materials
- Iron alloys
- Metals
- Steel
- RT -High strength steels
- Low alloy steels
- Metallurgy
- Stainless steel

Low flow 0808

- BT -Channel flow
- Flow
- Fluid flow
- Movement
- River flow
- Streamflow
- RT -Average flow
- Base flow
- Discharge (water)
- Droughts
- Flow patterns
- Low-flow augmentation
- Waste dilution
- Water level fluctuations
- Water levels
- Water shortage

Low-flow augmentation 0808

- BT -Flow augmentation
- Flow control
- Reregulation
- RT -Design flow
- Forecasting
- Low flow
- Navigation
- Reservoir capacity
- Reservoir operation
- Reservoir storage
- River flow
- River regulation
- Streamflow
- Waste dilution
- Water allocation (policy)
- Water supply
- Water utilization

Low frequency 2014

- BT -Frequency
- RT -Harmonics
- Oscillations
- Time

Low head 2004

- BT -Head (fluid mechanics)
- RT -Dams
- Deriaz pump turbine
- Hydraulic gates
- Hydraulic machinery
- Hydraulic valves
- Kaplan turbines
- Low pressure
- Pipelines
- Propeller pumps
- Pumps

THESAURUS OF TERMS

Low heat cements 1303.1

- BT -Cements
- Portland cements
- RT -Concretes
- Heat of hydration
- Mass concrete

Low-latitude fishes 0603.2

- BT -Animals
- Aquatic animals
- Aquatic life
- Fish
- Wildlife
- RT Animal groupings
- Fish types

Low pressure 1407

- BT -Pressure
- RT Atmospheric pressure
- High pressure
- Low head
- Low temperature
- Negative pressure
- Subatmospheric pressure
- Suction
- Vacuum
- Vacuum apparatus
- Vacuum pumps

Low pressure areas

- USE Cyclones

Low temperature 1407

- BT -Temperature
- RT Cryogenics
- High temperature
- Low pressure
- Refrigeration
- Superconductivity
- Temperature sensors

Low temperature studies

- USE Cryogenics

Low water mark 0504.1

- RT Banks
- Boundaries (property)
- Ownership of beds
- Seashores
- Streamflow
- Streamflow depletion
- Tidal waters
- Watercourses (legal)
- Water level fluctuations

Lubricants 1108

- RT Abrasion
- Additives
- Bearings
- Fluid friction
- Friction
- Friction coefficient (mechanical)
- Graphite
- Greases
- Journal bearings
- Lubrication
- Maintenance
- Materials
- Oils
- Sliding
- Water

Lubrication 1108

- RT Bearing pressure
- Bearings
- Friction
- Gears
- Impregnation
- Lubricants
- Machine design
- Oils
- Sliding
- Sliding resistance
- Slipping

Lumber 1303

- BT -Building materials
- Construction materials
- Materials
- RT Cellulose
- Fibers (plant)
- Hardwood
- Laminated wood
- Lignins
- Lumbering
- Plywoods
- Saw mills
- Sheeting
- Softwood

Timbers

- Wood
- Wooden bridges
- Wooden structures
- Wood preservatives
- Wood preservatives (pesticides)

Lumbering 0206

- UF Logging (lumber)
- RT -Industries
- Clear-cutting
- Clearing
- Forest management
- Forestry
- Forests
- Lumber
- Pulp and paper industry
- Pulp wastes
- Saw mills
- Trees
- Wood wastes

Luminescence 2006

- NT Bioluminescence
- Fluorescence
- X-ray fluorescence
- RT -Chemical properties
- Electrical properties
- Electromagnetic waves
- Emissivity
- Excitation
- Lasers
- Light waves
- Optical properties
- Radiation
- Thermal properties

Lycopersicon esculentum

- USE Tomatoes

Lycopodium species

- USE Clubmoss

Lysimeters 1402

- BT -Equipment
- Instrumentation
- Measuring instruments
- Test equipment
- RT Evaporation tanks
- Evapotranspiration
- Infiltration
- Moisture content
- Peak runoff
- Percolation
- Permeameters
- Precipitation (atmospheric)
- Rainfall
- Runoff
- Soil water
- Water requirements

M

Macadamia 0204 0603.1

- BT -Crops
- Dicots
- Fruit crops
- Horticultural crops
- Nuts
- Plants (botany)
- Stone fruits
- RT Orchards
- Trees

Machine design 1309.1

- RT Lubrication
- Machines
- Machine tools
- Mechanical engineering
- Mechanics

Machinery

- USE Machines

Machinery shafts

- USE Shafts (machinery)

Machines 1309

- UF Machinery
- NT Centrifugal pumps
- Deriaz pump turbine

Feed pumps

- Hydraulic machinery
- Jet pumps
- Mixed flow pumps
- Propeller pumps
- Pumps
- Pump turbines
- Reciprocating pumps
- Rotary pumps
- Test machines
- Tunneling machines
- Vibration tables
- Vibrators (mechanical)
- RT Characteristics
- Machine design
- Machine tools
- Mechanical equipment
- Mechanics
- Mechanization
- Performance rating
- Portable

Machine tools 1309

- NT -Augers
- Boring machines
- Drilling equipment
- Grinders
- Lathes
- Milling machines
- RT -Drills
- Flexible shafts
- Hand tools
- Machine design
- Machines
- Machining
- Presses
- Reamers

Machine (translating) 0507

- BT -Translating
- RT Auto-mation
- Coding
- Dictionaries
- Editing
- Grammars
- Information science
- Languages
- Magnetic tapes
- Symbols

Machining 1308

- BT -Cutting
- RT -Drilling
- Finishing
- Grinding
- Grooves
- Lathes
- Machine tools
- Milling machines
- Residual stress
- Shaping
- Surface preparation

Mach number 2004

- RT -Acoustics
- Aerodynamics
- Shock waves
- Sound waves
- Subsonic flow
- Supersonic flow

Macroenthos

- USE Benthos

Madtoms 0603.2

- BT -Animals
- Aquatic animals
- Aquatic life
- Catfishes
- Fish
- Freshwater fish
- Pan fish
- Wildlife

Magma 0807

- RT -Igneous rocks
- Juvenile water
- Lava
- Plutonic rocks
- Rocks
- Volcanoes

Magnetic water

- USE Juvenile water

Magnesium 0702

- BT -Alkaline earth metals
- Chemical elements
- Metals

MAGNETIC RECORDING

- RT Barium
- Magnesium alloys
- Magnesium compounds

Magnesium alloys 1106

- BT -Alloys
- Metals
- RT Magnesium

Magnesium carbonates 0702

- BT -Carbonates
- Chemical compounds
- Inorganic compounds
- Magnesium compounds
- RT Dolomite
- Lime

Magnesium compounds 0702 0703

- BT -Chemical compounds
- NT Chlorophyll
- Magnesium carbonates
- Magnesium hydroxide
- RT Lime
- Magnesium

Magnesium hydroxide 0702

- BT -Alkalis (bases)
- Chemical compounds
- Inorganic compounds
- Magnesium compounds
- RT Lime

Magnetic coils

- USE Electromagnets

Magnetic cores

- USE Electromagnets

Magnetic drums

- USE Magnetic recording

Magnetic fields 2003

- RT Auroras
- Electric fields
- Electrokinetics
- Electromagnetism
- Exciters
- Geophysics
- Magnetic properties
- Magnetic surveys
- Magnetohydrodynamics
- Magnets
- Metal detectors
- Polarity
- Terrestrial magnetism

Magnetic induction 2003

- UF Induction (magnetic)
- BT -Magnetic properties
- RT Induced currents
- Induced voltage
- Inductance
- Magnetohydrodynamics

Magnetic materials 2003

- NT Ferrites
- RT Ferromagnetism
- Magnetic tapes
- Magnetostriktion
- Magnets
- Metal detectors

Magnetic permeability

- USE Magnetic properties

Magnetic properties 2003

- UF Magnetic permeability
- Magnetic resonance
- Magnetism
- BT -Properties
- NT Ferromagnetism
- Magnetic induction
- Magnetostriktion
- Terrestrial magnetism
- RT -Chemical properties
- Electrical properties
- Hardness
- Hysteresis
- Inductance
- Isotropy
- Magnetic fields
- Magnetic surveys
- Mechanical properties
- (orientation)
- Physical properties
- Thermal properties

Magnetic recording 1403

- UF Magnetic drums

MAGNETIC SURVEYS

Magnetic recording (Con.)

- Magnetic tape recorders
- RT - Computer storage devices
- Data storage
- Digital recording
- Magnetic tapes

Magnetic resonance

- USE Magnetic properties

Magnetic surveys 0814

- BT - Geophysical prospecting
- Geophysics
- Surveys
- RT Geodesy
- Geodetic surveys
- Magnetic fields
- Magnetic properties
- Magnetometers
- Terrestrial magnetism

Magnetic tape recorders

- USE Magnetic recording

Magnetic tapes 0902

- BT - Computer storage devices
- Computer systems hardware
- Tapes
- RT Data storage
- Machine translating
- Magnetic materials
- Magnetic recording
- Punched tapes
- Recording systems

Magnetism

- USE Magnetic properties

Magnetohydrodynamics 2009

- UF Gases (ionized)
- RT Electric arcs
- Electromagnetic properties
- Ionization
- Magnetic fields
- Magnetic induction
- Plasma physics

Magnetometers 1402

- BT - Equipment
- Instrumentation
- Measuring instruments
- Test equipment
- RT Geodesy
- Geophysical logging
- Geophysical prospecting
- Inclinometers
- Magnetic surveys
- Nuclear magnetic resonance
- Well logging

Magnetos 1002

- BT - Electric generators
- Generators

Magnetostriiction 2003

- BT - Magnetic properties
- RT Cavitation
- Magnetic materials
- Nickel

Magnets 2003

- NT Electromagnets
- RT Ferromagnetism
- Magnetic fields
- Magnetic materials

Magnitude 1407

- RT Amplitude
- Dimensions
- Displacements
- Earthquake focus
- Earthquakes
- Energy
- Epicenters

Maine 0806

- BT - Geographical regions
- States (geographical)

Maintenance 1505

- NT Preventive maintenance
- Repairing
- RT - Administration
- Construction
- Dam failure
- Electrical equipment
- Equipment
- Garages
- Helicopters
- Industrial production

- Installation
- Instrumentation
- Irrigation operation & maintenance
- Life expectancy
- Lubricants
- Maintenance costs
- Maintenance equipment
- Maintenance personnel
- Management
- Manjals
- Mechanical engineering
- Mechanical equipment
- Monitoring
- Obsolete equipment
- Operation and maintenance
- Operations
- Power operation & maintenance
- Reliability
- Reliability
- Renovating
- Replacing
- Service life
- Spare parts
- Specifications
- Stop logs
- Tunneling machines

Maintenance and operations

- USE Operation and maintenance

Maintenance costs 1401

- BT - Costs
- RT Construction costs
- Cost allocation
- Electric power costs
- Equipment costs
- Irrigation operation & maintenance
- Maintenance
- Operating costs
- Operation and maintenance
- Operation and maintenance costs
- Power operation & maintenance
- Replacement costs

Maintenance equipment 1505

- BT - Equipment
- RT Garages
- Maintenance
- Mechanical equipment
- Operation and maintenance
- Repairing

Maintenance personnel 0509

- BT - Personnel
- RT Construction management
- Maintenance
- Operation and maintenance

Major structures

- USE Large structures

Malencloves 0808.1

- BT - Groundwater
- Subsurface waters
- RT - Aquifers
- Water pollution

Mallard duck 0603.2

- UF Anas platyrhynchos
- BT - Animals
- Aquatic life
- Birds
- Ducks (wild)
- Migratory birds
- Waterfowl
- Wildlife

Mammal groupings 0603.2

- USE of a more specific term is recommended

- RT Animal groupings
- Domestic animals
- Furbearers
- Laboratory animals
- Livestock
- Mammals
- Rodents
- Ruminants
- Small animals (mammals)
- Wildlife

Mammalian attractants 0606

- BT - Attractants

Mammalian repellents 0606

- BT - Repellents

Mammals 0603.2

- BT - Animals
- NT Beavers
- Big game
- Cattle
- Deer
- Goats
- Gophers
- Hogs
- Livestock
- Man
- Mink
- Muskkrats
- Otters
- Peccary
- Rodents
- Ruminants
- Sheep
- RT Animal groupings
- Mammal groupings
- Small game
- Wildlife

Man 0603.2

- BT - Animals
- Mammals
- RT Archaeology
- Ecology
- Environments
- Habitats
- Human behavior
- Human population
- Human resources
- Population growth
- Reproduction (biology)
- Sexual maturity

Management 0501

- USE of a more specific term is recommended

- NT Construction management
- Contract administration
- Cutting management
- Farm management
- Fish management
- Forest management
- Groundwater management
- Land management
- Marsh management
- Pasture management
- Personnel management
- Planting management
- Range management
- Snow management
- Soil management
- Water management (applied)
- Water resources management
- Watershed management
- Wildlife management
- RT - Administration

- Consulting engineers
- Coordination
- Decision making
- Economics
- Employee relations
- Engineering personnel
- Executives
- Financing
- Forecasting
- Group dynamics
- Industrial engineering
- Industrial production
- Industrial relations
- Information systems
- Institutions
- Job analysis
- Leadership
- Logistics
- Maintenance
- Management analysis
- Management engineering
- Management planning
- Management training
- Manpower
- Marketing
- Multiple purpose projects
- Negotiations
- Objectives
- Operation and maintenance
- Operations
- Operations research
- Organizations
- Organizing
- Personnel
- PERT
- Planning
- Plant efficiencies
- Policies
- Power operation & maintenance

- Production
- Production planning
- Productivity
- Professional advancement
- Professional personnel
- Project planning
- Projects
- Psychological aspects
- Public relations
- Regulations
- Responsibilities
- Risks
- Sciences
- Scientific personnel
- Social aspects
- Supervision
- Systems analysis
- Systems engineering
- Technologists
- Technology

Management analysis 0501

- BT - Analysis
- RT - Efficiencies
- Forecasting
- Management
- Management engineering
- Management planning
- Operations research
- Optimization
- Organization charts
- Personnel
- Simulation
- Systems analysis

Management engineering 0501

- BT - Engineering
- RT Decision making
- Industrial engineering
- Information systems
- Management
- Management analysis
- Management planning
- Operations research
- Personnel management
- Systems engineering
- Time and motion studies
- Value engineering

Management planning 0501

- BT - Planning
- RT - Forecasting
- Group dynamics
- Management
- Management analysis
- Management engineering
- Methodology
- Operations research
- Personnel management
- Training

Management training 0509

- BT - Training
- RT - Education
- Executives
- Group dynamics
- Leadership
- Learning
- Management
- Motivation
- Personnel management

Manganese 0702

- BT - Chemical elements
- Metals
- RT Manganese alloys
- Manganese compounds

Manganese alloys 1106

- BT - Alloys
- Metals
- RT Manganese
- Steel

Manganese compounds 0702 0703

- BT - Chemical compounds
- RT Manganese

Mangrove swamps 0808

- BT - Swamps
- Wetlands
- RT Brackish water

Manholes 1302.1

- RT - Conduits
- Junctions
- Outlets
- Overflow
- Pipelines

THESAURUS OF WATER RESOURCES TERMS

THESAURUS OF TERMS

Manholes (Con.)

Sewers
Siphons
-Subsurface drains
-Tunnels
-Underground structures

Manifolds 1311

RT Discharge lines
Head losses
-Intake structures
-Internal combustion engines
-Outlet works
Penstocks
-Pipes
-Tubes

Mannings equation 2004

BT -Equations
RT Canal design
Channel design
-Channel flow
Chezy equation
-Discharge (water)
Discharge coefficients
Discharge measurement
-Fluid flow
Hazen-Williams equation
Hydraulic radius
Kutter formula
Open channel flow
Reynolds number
Roughness (hydraulic)
Roughness coefficient
Test canals
Uniform flow

Manometers 1402

BT -Gages
-Hydrologic instruments
-Measuring instruments
-Pressure gages
-Pressure measuring instruments
RT Barometers
Piezometry
-Pressure

Manpower 0509

UF Manpower utilization
RT -Administration
-Education
Employee relations
-Employment
Employment opportunities
-Engineering personnel
Government employees
Human resources
Industrial production
Labor
Labor mobility
Labor supply
-Management
-National defense
National income
Occupations
-Personnel
Personnel management
-Population
Population growth
-Procurement
-Professional personnel
Resource allocation
-Resource development
Scientific personnel
-Technologists
-Training

Manpower utilization

USE Manpower

Manual benefits 0501 0503

BT -Benefits
RT Annual equivalent benefits

Manual control 1402

BT -Control
RT -Control equipment
Cultural control
-Equipment
Materials control
Mechanical control
-Operations
-Physical control

Manuals 0502

RT Computer programming
Equipment installation
-Instruction
-Maintenance
-Methodology

-Operation and maintenance
-Procedures
-Processing
Technology
-Training
Work

Manufacturers

USE Manufacturing

Manufacturing 0503

UF Manufacturers
RT Commerce
Fabrication
Foreign products
-Industries
-Organizations
Preparation
-Processing
-Production
Time and motion studies

Manura

USE Farm wastes

Manure lagoons

USE Farm lagoons

Maple trees 0603.1

UF Acer species
BT -Crops
-Deciduous trees
-Dicots
-Horticultural crops
-Plants (botany)
-Trees

Mapping 0802

UF Cartography
NT Geologic mapping
Subsurface mapping
Topographic mapping
RT Aerial reconnaissance
Bench marks
-Coordinates
Direction finding
Distribution patterns
-Exploration
-Field investigations
Geologic maps
Grid systems
Isobars
Isohyets
Isotherms
Locating
Locations
-Maps
Mosaics
Photogrammetry
-Photography
-Plane surveying
-Profiles
Reconnaissance surveys
Remote sensing
Second order surveys
-Sites
Soil maps
Soil surveys
Streambed profiles
-Surveying
Surveying instruments
-Surveys
Symbols
Terrain analysis
Topographic surveys
Topography
Weather maps

Maps 0802

NT Geologic maps
Soil maps
Weather maps
RT Aerial reconnaissance
Aerial
-Charts
Data collections
Design data
-Exploration
-Geography
Geologic mapping
-Mapping
Mosaics
Navigation
Orientation
Photogrammetry
Scale (ratio)
Soil investigations
Subsurface mapping
-Surveying

-Surveys
Synoptic analysis
Topographic mapping
Triangulation nets

Marble 0807

BT -Building materials
-Calcareous rocks
-Carbonate rocks
-Construction materials
-Crystalline rocks
-Materials
-Metamorphic rocks
-Rocks
RT Dolomite
-Limestone
Travertine

Mareca americana

USE American widgeon

Mareca penelope

USE European widgeon

Marginal benefits 0501 0503

BT -Benefits
RT Fringe benefits
Marginal costs
Marginal income
Project planning
Risks

Marginal costs 0503

BT -Costs
RT Marginal benefits
Marginal income

Marginal income 0503

BT -Income
RT Incremental income
Marginal benefits
Marginal costs
Risks

Marginal productivity 1407

BT -Productivity

Marginal return 0503

BT -Return (monetary)

Marginal utility 1407

RT -Value

Marinas 1310

RT -Boats
-Coastal structures
-Docks
Harbors
-Inland waterways
Inlets (waterways)
Marine engineering
-Recreation facilities
-Water sports

Marine air masses 0402

BT -Air masses
RT Oceans
Sea breezes

Marine algae 0613 0801

BT -Algae
-Aquatic algae
-Aquatic life
-Aquatic plants
-Marine plants
-Plants (botany)
RT -Aquatic microorganisms
Benthic flora
-Benthos
-Marine microorganisms
-Phytoplankton
Red tide

Marine animals 0603.2 0801

BT -Animals
-Aquatic animals
-Aquatic life
NT Atlantic menhaden
Coral
Demersal fishes
Eels
-Elasmobranchs
Jelly fish
-Marine fish
Morays
Mulletts
Mussels
Oysters
Pile perch

Sea basses

Sharks
Smelts
Striped bass
White bass
White perch
White seaperch
Yellow bass
RT Animal groupings
-Benthic fauna
-Benthos
Commercial fish
-Marine borers
-Marine microorganisms
Oceans
Periphyton
-Plankton
-Salmon
Sport fish
-Zooplankton

Marine bacteria 0613 0801

BT -Aquatic bacteria
-Aquatic life
-Aquatic microorganisms
-Aquatic plants
-Bacteria
-Marine microorganisms
-Marine plants
-Microorganisms
-Plants (botany)
-Seston
RT Beggiatoa
Myxobacteria
-Nitrogen fixing bacteria
-Phytoplankton
Pseudomonas
-Saline water
-Sulfate reducing bacteria

Marine borers 0603.2

UF Borers (marine)
NT Teredos
RT -Aquatic life
-Marine animals
-Mollusks
Wooden piles

Marine clays 0807

BT -Clays
-Earth materials
-Finegrained soils
-Fines
-Materials
-Soils
RT -Beaches
Lacustrine deposits
Littoral drift
Littoral materials
Marine geology
Marl
Muck
Mud
Ocean bottom
Oceans
Quick clays
-Sediments
Varves

Marine engineering 1310

UF Engineers (marine)
Marine engineers
BT -Engineering
RT -Aquatic life
-Civil engineering
Coastal engineering
-Coastal structures
-Docks
Drydocks
Harbors
-Inland waterways
Marinas
Marine geology
Mechanical engineering
Naval architecture
Oceanography
Oceans

Marine engineers

USE Marine engineering

Marine fish 0603.2 (0801)

BT -Animals
-Aquatic animals
-Aquatic life
-Fish
-Marine animals
-Saline water fish
-Wildlife

MARINE FISH

MARINE FISHERIES

Marine fish (Con.)

- NT Atlantic menhaden
- Demersal fishes
- Eels
- Elasmobranchs
- Morays
- Mulletts
- Pile perch
- Sea basses
- Sharks
- Smelts
- Striped bass
- White bass
- White perch
- White seaperch
- Yellow bass
- RT Animal groupings
- Atlantic salmon
- Brackish-water fish
- Brook trout
- Chinook salmon
- Chum salmon
- Commercial fish
- Cutthroat trout
- Fish types
- Herrings
- Lampreys
- Livebearers
- Marine fisheries
- Pink salmon
- Salmon
- Salmonids
- Sculpins
- Silversides
- Sockeye salmon
- Sticklebacks
- Suri-casting

Marine fisheries 0603.2

- BT - Fisheries
- RT Commercial fishing
- Estuarine fisheries
- Marine fish
- Oceans
- Saline water fish
- Sport fishing
- Suri-casting

Marine fungi 0613

- BT - Aquatic fungi
- Aquatic life
- Aquatic microorganisms
- Aquatic plants
- Fungi
- Marine microorganisms
- Marine plants
- Microorganisms
- Plankton
- Plants (botany)
- Seston
- RT - Phytoplankton

Marine geology 0807

- BT - Geology
- RT Continental shelf
- Continental slope
- Engineering geology
- Geomorphology
- Groundwater geology
- Hydrogeology
- Marine clays
- Marine engineering
- Ocean bottom
- Oceanography
- Oceans
- Sedimentary rocks
- Sedimentation
- Sedimentology
- Stratigraphy

Marine microorganisms 0613

- BT - Aquatic life
- Aquatic microorganisms
- Microorganisms
- Seston
- NT Marine bacteria
- Marine fungi
- RT Marine algae
- Marine animals
- Marine plants

Marine plants 0603.1 0801

- BT - Aquatic life
- Aquatic plants
- Plants (botany)
- NT Ditch grass
- Marine algae
- Marine bacteria
- Marine fungi
- RT Benthic flora

- Benthos
- Marine microorganisms
- Phytoplankton
- Plankton
- Rooted aquatic plants

Marine water

USE Sea water

Marketing 0503

- NT Power marketing
- RT Agricultural economics
- Commerce
- Competition
- Consumers
- Costs
- Credit
- Economic efficiency
- Economics
- Financing
- Industrial production
- Management
- Market value
- Optimum crop yield
- Planning
- Sales
- Water users
- Water utilization

Market value 0503

- BT - Value
- RT - Demand
- Elasticity of demand
- Elasticity of supply
- Farm prices
- Marketing
- Prices
- Pricing

Marking techniques 0606

- UF Banding
- Capture-mark-and-recapture technique
- Fin clipping
- Recapturing
- Wing clipping
- RT - Analytical techniques
- Census
- Dye releases
- Electrical shocking gear
- Indicators
- Nets
- Radioisotopes
- Remote sensing
- Tagging
- Telemetry
- Tracers
- Tracking techniques
- Trapping

Markov processes 1201

- BT - Mathematical studies
- Stochastic processes
- RT Monte Carlo method
- Sequential analysis
- Statistical models

Marl 0807

- BT - Calcareous rocks
- Calcareous soils
- Carbonate rocks
- Earth materials
- Materials
- Rocks
- Sedimentary rocks
- Soils
- Soil types
- RT Calcite
- Calcium carbonate
- Caliche
- Dolomite
- Limestone
- Marine clays
- Mud

Mars (planet) 0301

- BT - Astronomical bodies
- Planets

Marshes 0808

- BT - Land forms
- Wetlands
- NT Coastal marshes
- Freshwater marshes
- Salt marshes
- Tidal marshes
- RT - Aquatic environment
- Aquatic habitats
- Bodies of water

- Bogs
- Fen
- Lake stages
- Land reclamation
- Marsh management
- Marsh plants
- Muck
- Muskeg
- Peat
- Peat bog
- Quicksand
- Shallow water
- Stagnant water
- Standing waters
- Surface waters
- Swamps
- Waterlogged land

Marsh management 0808

- BT - Management
- Water resources management
- RT Drainage effects
- Flooding
- Food and cover crops
- Habitat improvement
- Marshes
- Shore-line cover
- Vegetation establishment
- Wildlife management

Marsh plants 0603.1

- BT - Plants (botany)
- RT - Amphibious plants
- Marshes
- Plant groupings
- Waterlogged land

Maryland 0806

- BT - Coastal plains
- Geographical regions
- States (geographical)

Masers 2005

- RT Lasers
- Microwaves

Masonry 1303

- NT Brick masonry
- Clay masonry
- Concrete masonry
- Rubble masonry
- RT Bricks
- Building materials
- Cements
- Ceramic materials
- Concretes
- Construction joints
- Construction materials
- Efflorescence
- Expansion joints
- Horizontal joints
- Keyways
- Masonry dams
- Mortars
- Slabs
- Skip forms
- Stones
- Structural members

Masonry dams 1313.1

- BT - Dams
- Hydraulic structures
- RT - Arch dams
- Bricks
- Buttress dams
- Cements
- Concrete dams
- Concrete masonry
- Concretes
- Dam design
- Gravity dams
- Masonry
- Monoliths
- Mortars
- Rubble masonry
- Stones

Mass 1407

- RT Bulk
- Bulking
- Density
- Dimensions
- Dry density
- Dry weight
- Gradation
- Kinetic energy
- Mass transfer
- Moments
- Moments of inertia

- Potential energy
- Size
- Specific gravity
- Statics
- Volume
- Weight

Massachusetts 0806

- BT - Geographical regions
- States (geographical)

Mass concrete 1303.1

- BT - Concretes
- RT - Cements
- Concrete construction
- Concrete control
- Concrete dams
- Concrete piling
- Concrete technology
- Construction materials
- Cyclopean concrete
- Fly ash
- Gravity dams
- Lifts (construction)
- Low heat cements
- Monoliths
- Portland cements

Mass curves 0808

- BT - Curves
- Geometric shapes
- RT Depth-area-duration analysis
- Duration curves
- Flow duration
- Flow duration curves
- Hydrologic data
- Rainfall
- Runoff
- Time

Mass transfer 1407

- BT - Transfer
- Transport phenomena
- RT Boundary processes
- Convection
- Diffusion
- Dispersion
- Evaporation
- Mass
- Mass wasting
- Membrane processes
- Osmosis
- Water flux

Mass wasting 0807

- BT - Erosion
- NT Debris avalanches
- Landslides
- Rockslides
- Solifluction
- RT - Colluvium
- Creep
- Mass transfer
- Meteorology
- Movement
- Mudflows
- Rock glaciers
- Rockslides
- Slopes
- Soil conservation
- Soil erosion
- Soil mechanics
- Talus
- Weathering

Mastics 1107

- BT - Construction materials
- RT - Asphalt cement
- Asphalts
- Bitumens
- Bituminous cements
- Building materials
- Coal tar
- Joint fillers
- Resins
- Sealants

Materials 1100

- Use of a more specific term is recommended
- NT - Acidic soils
- Adobe
- Aeolian soils
- Aggregates
- Alkaline soils
- Alkali soils
- Alloys
- Aluminum
- Anaerobic soils

THESAURUS OF TERMS

Materials (Ccn.)

Aquatic soils
Asbestos cement
Bedding materials
Bentonite
Borrow materials
Boulders
Bricks
-Building materials
-Calcareous soils
Caliche
-Castings
Cast iron
-Ceramic material
-Clays
Cobbles
Cohesionless soils
Cohesive soils
-Colluvium
Compacted soils
-Composite materials
Compressible soils
-Concretes
-Construction materials
Deleterious materials
Detrital soils
Diatomaceous earth
-Earth materials
-Expansive clays
-Expansive soils
Fiberboards
-Finegrained soils
-Frozen soils
Glacial soils
-Granular materials
-Gravels
Gumbo
Hardwood
High strength steels
Impervious soils
-Iron
Kaolin
Lacustrine deposits
Lake soils
Laterites
-Loams
Loess
Loose soils
Lumber
Marble
Marine clays
Marl
-Metals
-Mortars
Mud
Nails
Organic clays
Organic silts
-Organic soils
Peat
-Pervious soils
Pit run materials
-Plastics
Plywoods
Polymer concretes
-Porous materials
Precast concrete
Preconsolidated soils
Pumice
Quick clays
-Reinforced concrete
-Reinforcing materials
-Reinforcing steels
Residual soils
Rock flour
Roofing materials
-Rubber
-Sands
Saturated soils
Selected materials
Silty loams
Softwood
-Soils
-Steel
Subsoil
Timbers
Topsoil
Unconsolidated soils
Undisturbed soils
Unsaturated soils
Volcanic ash
-Wood
Zinc
RT Abrasives
Adhesives
-Coatings
-Fibers
-Glass
Glass reinforced plastics
Lubricants

Materials control
Materials engineering
Materials failure
Materials forming
Materials handling
Materials stability
-Materials tests
-Quality control
-Rubber
-Solvents
Specifications
-Standards
Strength of materials
-Supply

Materials control 1303

BT -Control
RT Automation
Concrete control
Control systems
Industrial production
-Inspection
-Instrumentation
Manual control
-Materials
Materials engineering
Mechanical control
Monitoring
-Productivity
-Quality control
-Regulation
Remote control
-Sampling
Scheduling
Temperature control

Materials engineering 1100

BT -Engineering
RT -Construction control
-Materials
Materials control
Materials failure
-Materials tests
Petrographic investigations
-Quality control
-Research and development
-Sampling
Specifications
Strength of materials
Technology

Materials failure 1303

BT -Failure
-Failure (mechanics)
RT Buckling
-Construction materials
Cracking
Disasters
-Materials
Materials engineering
-Materials tests
-Quality control
Replacing
Strength of materials

Materials forming 1308

RT -Castings
Extrusions
-Materials
Moldings
Rolling
Shaping

Materials handling 1308

RT Belt conveyors
Blowers
Chemical engineering
-Distribution systems
-Earth handling equipment
-Excavation
Hauling
Industrial engineering
Logistics
-Materials
-Materials handling equipment
-Mines
-Mining
-Pumping
-Routing
-Transportation
Warehouses

Materials handling equipment 1309

NT Belt conveyors
-Conveyors
-Cranes (hoists)
-Holding machinery
Loaders

Overhead cranes
RT -Compressors
-Containers
Dispensers
Ejectors
Fans
Handling equipment
Materials handling
-Pumps
Shovels
Tramways
-Vessels

Materials stability 1407

BT -Stability
RT -Materials
Strength of materials

Materials tests 1402

BT -Tests
NT Accelerated tests
Acceptance tests
Compaction tests
-Compression tests
Concrete tests
Corrosion tests
Creep tests
Orained shear tests
-Environmental tests
Exposure tests
Fatigue tests
-Field permeability tests
Freeze-thaw tests
Hardness tests
High temperature research
Impact tests
Index tests
-Metal tests
-Nondestructive tests
Notch tests
Penetration tests
-Permeability tests
Pipe tests
Pressure tests
-Pull tests
-Radiographic inspection
Rock tests
-Shear tests
Soil compression tests
Soil consolidation tests
-Soil tests
Tension tests
Triaxial tests
Ultrasonic tests
Vibration tests
Wetting and drying tests
X-ray inspection

RT -Behavior
Cavitation resistance
-Chemical properties
Compressive strength
Experimental data
-Field tests
Foreign tests
-Inspection
-Laboratories
Laboratory tests
-Materials
Materials engineering
Materials failure
-Measurement
-Mechanical properties
Model tests
Performance tests
-Physical properties
Qualitative analysis
-Quality control
-Quantitative analysis
-Samples
Sonic velocity tests
Specifications
Splitting tensile strength
-Standards
Static tests
Strain measurement
Strain meters
Strain rate
Strength of materials
Stress gages
Stress meters
Stress-strain curves
Test procedures
Test results
Test specimens
-Thermal properties
Yield point
Yield strength

MATHEMATICAL STUDIES

Mathematical analysis 1201

BT -Analysis
-Mathematical studies
-Mathematics
NT -Calculus
Correlation analysis
-Differential equations
Finite differences
Fourier analysis
Frequency analysis
Integrals
-Regression analysis
-Statistical analysis
RT Algorithms
Computer applications
Data reduction
Dimensional analysis
Discontinuities
Finite difference method
Finite element method
Gaussian distribution
Histograms
Integration (mathematics)
Laplace equation
Least squares method
-Mathematical logic
-Mathematical models
Matrix algebra
Matrix methods (structural)
-Methodology
Monte Carlo method
Nomographs
-Numerical analysis
-Operations research
Queueing theory
Relaxation method
Sequential analysis
Series (mathematics)
Time series analysis
-Transformations

Mathematical logic 1201

UF Logic (mathematics)
Symbolic logic
BT -Formal logic
RT Algorithms
Computer programming
-Equations
-Mathematical analysis
Reasoning
-Theory

Mathematical models 1201

BT -Models
NT -Statistical models
Stochastic models
RT -Analog models
Analog
Computer models
Correlation
Dynamic programming
Finite element method
Game theory
-Hydrologic models
Linear programming
-Mathematical analysis
-Mathematics
-Model studies
Model tests
Monte Carlo method
-Operations research
Probability theory
Queueing theory
Risks
Scheduling
Sequential analysis
Simulation
-Stochastic processes
Synthetic hydrology
Systems analysis
Systems engineering

Mathematical studies 1201

NT -Calculus
Correlation analysis
-Differential equations
Finite difference method
Finite element method
Fourier analysis
Least squares method
Leontief models
Markov processes
-Mathematical analysis
Multiple regression
-Numerical analysis
Optimization
-Regression analysis
RT -Analytical techniques
Finite differences

MATHEMATICAL TABLES

Mathematical studies (Con.)

- Input-output analysis
- Statistical analysis

Mathematical tables 1201

- BT - Documentation
- Information
- Tables (data)
- RT - Data collections
- Numerical analysis
- Statistics

Mathematical transformations

- USE Transformations

Mathematics 1201

- Use of a more specific term is recommended

- BT - Sciences
- NT - Algebra
- Calculus
- Differential equations
- Finite differences
- Fourier analysis
- Geometry
- Integrals
- Integration (mathematics)
- Linear algebra
- Mathematical analysis
- Matrix algebra
- Probability
- Series (mathematics)
- Statistics
- Trigonometry
- Vector analysis
- RT - Calculations
- Calculators
- Coefficients
- Computer programming
- Dynamic programming
- Envelopes
- Gaussian distribution
- Linear programming
- Mathematical models
- Monte Carlo method
- Operations research
- Optimization
- Problem solving
- Queueing theory
- Relaxation method
- Statistical analysis
- Statistical models
- Time series analysis
- Transformations

Matrix algebra 1201

- BT - Algebra
- Linear algebra
- Mathematics
- RT - Finite difference method
- Finite differences
- Finite element method
- Linear systems
- Mathematical analysis
- Matrix methods (structural)
- Stiffness matrix
- Vector analysis

Matrix methods (structural) 1313.5

- BT - Analysis
- Structural analysis
- RT - Finite difference method
- Finite element method
- Mathematical analysis
- Matrix algebra
- Stiffness matrix
- Stress analysis

Mattresses 1303

- RT - Bank protection
- Banks
- Concrete linings

Mature growth stage 0603.2

- BT - Growth stages
- RT - Sexual maturity

Maximum probable flood 0308

- UF - Probable maximum flood
- BT - Floods
- RT - Dams
- Design flood
- Estimating
- Flood damage
- Flood forecasting
- Hydrograph analysis
- Peak discharge
- Peak floods
- Probable maximum precipitation

Rainfall-runoff relationships

- Runoff
- Spillway design flood
- Spillways
- Weather patterns

Mayflies 0603.2

- UF - Ephemeroptera
- BT - Animals
- Insects
- Invertebrates
- RT - Aquatic insects
- Benthic fauna
- Bioindicators

Meadow management

- USE Pasture management

Mean

- USE Average

Meandering (stream)

- USE Stream meandering

Meanders 0808

- RT - Alluvial channels
- Alluvial streams
- Banks
- Beds
- Braiding
- Channels
- Discharge (water)
- Flood plains
- Fluvial morphology
- Geomorphology
- Rivers
- River training
- Sediment load
- Stream erosion
- Stream meandering
- Streams
- Stream stabilization

Mean diameter 1407

- RT - Average
- Dimensions
- Geometry
- Grain shapes
- Grain sizes
- Median diameter
- Size
- Statistical analysis

Mean sea level

- USE Sea level

Measurement 1407

- NT - Discharge measurement
- Flow measurement
- Metering
- Strain measurement
- Water measurement

RT Accuracy

- Automation
- Average
- Bathymetry
- Calibrations
- Census
- Data collections
- Dimensions
- Estimating
- Evaluation
- Forecasting
- Foreign tests
- Geodesy
- Gravimetry
- Hydrography
- Hydrometry
- Hygrometry
- Instrumentation
- Lake morphometry
- Length
- Materials tests
- Measuring instruments
- Metric system
- Metrology
- Monitoring
- Piezometry
- Pressure measuring instruments
- Product evaluation
- Properties
- Reaches (distance)
- Remote sensing
- Sampling
- Second order surveys
- Sieve analysis
- Statistics
- Strain gages

-Surveying

- Surveying instruments
- Surveys
- Survey stations
- Telemetry
- Temperature sensors
- Test procedures
- Tests
- Thermographs
- Water levels
- Work

Measuring instruments 1402

- UF - Instruments (measuring)
- BT - Equipment
- Instrumentation
- NT - Accelerometers
- Allimeters
- Ammeters
- Anemometers
- Barometers
- Calorimeters
- Chronometers
- Clocks
- Current meters
- Densimeters
- Dial gages
- Dynamometers
- Electric bridges
- Evapotranspirometers
- Extensometers
- Flowmeters
- Gages
- Galvanometers
- Geiger counters
- Geodimeters
- Gravimeters
- Hot film anemometers
- Hot wire anemometers
- Hydrometers
- Inclinometers
- Interferometers
- Liquid level gages
- Lysimeters
- Magnetometers
- Manometers
- Meters
- Micrometers
- Moisture meters
- Neutron counters
- Nuclear density meters
- Nuclear moisture meters
- Ohmmeters
- Orifice meters
- Oscillographs
- Oscilloscopes
- Penetrometers
- Permeameters
- Photometers
- Piezometers
- Plumbines
- Porous tube piezometers
- Potentiometers
- Precipitation gages
- Pressure cells
- Pressure gages
- Pressure measuring instruments
- Propeller meters
- Radiation detectors
- Radiation measurement
- Radiation measuring equipment
- Radiometers
- Radiosondes
- Rain gages
- Rotating meters
- Salinity meters
- Scintillation counters
- Seismographs
- Sextants
- Slope indicators
- Snow gages
- Soil moisture meters
- Soniscopes
- Spectrometers
- Staff gages
- Strain gages
- Strain meters
- Stream gages
- Stress gages
- Stress meters
- Tellurometers
- Temperature sensors
- Tensiometers
- Thermocouples
- Thermographs
- Thermometers
- Tiltmeters
- Turbidimeters
- Velocity meters

Venturi meters

- Viscometers
- Voltmeters
- Volumetric meters
- Water meters
- Watimeters
- Weir gages
- Wheatstone bridge
- RT - Acoustic equipment
- Calibrations
- Counters
- Depth recorders
- Direction finding
- Indicators
- Laboratory equipment
- Logging (recording)
- Measurement
- Meteorological instruments
- Metrology
- Optical instruments
- Piezoelectric transducers
- Pneumatic systems
- Probes (instruments)
- Recording systems
- Sensors
- Strain measurement
- Tapes
- Telemetry
- Telemetry systems
- Test equipment
- Test machines
- Theodolites
- Water measurement
- Work

Mechanical analysis 1402

- BT - Analysis
- NT - Sieve analysis
- RT - Aggregates
- Gradation
- Gradation analysis
- Grain sizes
- Laboratory tests
- Sieves
- Soil classifications
- Soil physical properties
- Soil tests

Mechanical control 1402

- BT - Control
- Physical control
- RT - Aquatic weed control
- Automatic control
- Cams
- Clutches (mechanical)
- Control systems
- Cultural control
- Equipment
- Integrated control measures
- Manual control
- Materials control
- Mechanical equipment
- Pest control
- Variable-speed drives
- Weed control

Mechanical engineering 1309.1

- Use of a more specific term is recommended

- UF - Engineers (mechanical)
- Mechanical engineers

BT - Engineering

- RT - Civil engineering
- Equipment
- Hydraulic engineering
- Hydraulic machinery
- Machine design
- Maintenance
- Marine engineering
- Nuclear engineering
- Space engineering
- Thermodynamics

Mechanical engineers

- USE Mechanical engineering

Mechanical equipment 1309

- BT - Equipment
- RT - Cranes (hoists)
- Earth handling equipment
- Gate hoists
- Hoisting machinery
- Hydraulic machinery
- Hydraulic turbines
- Instrumentation
- Jigs
- Machines
- Maintenance
- Maintenance equipment

THESAURUS OF TERMS

Mechanical equipment (Con.)

Mechanical control
Obsolete equipment
-Pumps
-Transportation
Universal joints

Mechanical fasteners 1305

UF Fasteners (mechanical)
BT -Fasteners
NT Anchor bolts
-Anchors
-Bolts
-Dowels
-Nails
-Pins (mechanical)
-Rock bolts
-Roof bolts
-Screws
RT Adapters
Chains
Clamps
-Couplings
-Fittings
Hooks
Riveted joints
Spacers
Straps
Studs
-Wire
Wire rope

Mechanical insulation 1107

BT -Insulation
NT Acoustic insulation
RT Asbestos
Glass fibers
Perlite
Pipe wrappings
Vermiculite

Mechanical jacks

USE Jacks (mechanical)

Mechanical properties 1407

BT -Properties
NT Abrasion resistance
Bearing strength
Bonding strength
Brittleness
Cavitation resistance
Cohesion
Cohesive strength
Compressibility
Compressive strength
Corrosion resistance
Creep
-Deformation
Deformation modulus
Ductility
-Durability
Elastic deformation
Elasticity (mechanical)
Elastic limit
Elongation
-Expansion
External friction
Fatigue (materials)
Flexibility
Flexural strength
Fluid friction
Freeze-thaw durability
-Friction
Friction coefficient (mechanical)
Hardness
Internal friction
Modulus of elasticity
Negative friction
Notch effect
Photoelasticity
Plastic deformation
Plastic failure
-Plasticity
Plasticity index
Plastic limits
Poisson ratio
Positive friction
Rebound
Residual stress
Resilience
Rigidity
Rupture modulus
Shear modulus
Shear resistance
Shear strength
Skin friction
Soil plasticity
Solid friction
Splitting tensile strength
Stiffness

-Strength
-Tensile properties
-Tensile strength
Thermal expansion
Toughness
Ultimate tensile strength
Viscoelasticity
Viscosity
Wall friction
-Wear resistance
Workability
Yield strength
RT -Acoustics
Adhesion
Anisotropy
-Chemical properties
Compression curves
Concrete properties
-Damping
Design strength
Dilatation
Dilation
-Failure (mechanics)
-Hardening
High strength steels
Hysteresis
Isotropy
-Kinetics
-Loads (forces)
-Magnetic properties
-Materials tests
Metallurgy
Preling
-Physical properties
Piezoelectricity
-Quality control
Resonance
Rheology
Rock mechanics
Rock properties
Rock tests
-Settlement (structural)
-Shear
-Soil properties
Solids
Specifications
-Stability
-Strain
Strain energy
Strength of materials
-Stress
Stress-strain curves
Structural behavior
-Structural stability
-Surface properties
Surface tension
-Tension
-Thermal properties
Turbulence
Water properties
Wedges

Mechanical springs

USE Springs (mechanical)

Mechanical waves 2011

BT -Periodic variations
-Waves
NT Bores (wave)
Cavitation noise
-Elastic waves
Longitudinal waves
-Microseisms
-Noise (sound)
-Ocean waves
Rock noise
Roll waves
-Sound waves
-Waves (water)
RT -Acoustics
Pulsating flow
Pulses
Resonance
Shear waves
Stress waves
-Surges
Transverse waves
Underwater acoustics
-Vibration
Wave action
Wave energy
Waveforms
Wave generation
Wave height
Wavelength
Wave period
Wave propagation
Wave velocity
Wind tides

Mechanics 2011

Use of a more specific term
is recommended

BT -Physics
NT -Engineering mechanics
-Fluid mechanics
-Hydraulics
Hydrostatics
Soil mechanics
-Statics
RT -Dynamics
Elastic theory
Finite difference method
Finite differences
Finite element method
-Fluid dynamics
Kinetic energy
-Kinetics
Machine design
-Machines
Momentum
Plastic theory
Potential energy
Solid state physics
Structural engineering

Mechanization 1309

RT Automatic control
Automation
Cost savings
Labor savings
-Machines
Remote control

Median

USE Average

Median diameter 1407

RT Average
-Dimensions
Geometry
Grain shapes
Grain sizes
Mean diameter
-Size
-Statistical analysis

Medicago sativa

USE Alfalfa

Medicine 0605

BT -Sciences
RT Bactericides
-Biology
Dosage
Drugs
First aid
-Health
Hospitals
Public health
-Viruses

Melanitta deglandi

USE White-winged scoter

Melons 0204

UF Citrullus vulgaris
Cucumis melo
Muskmelon
Watermelon
BT -Crops
-Dicots
-Fruit crops
-Horticultural crops
-Plants (botany)
-Stone fruits
-Vine crops

Melting 0704

RT Ablation
-Cooling
Deicers
Deicing
Floating ice
-Freezing
Frost action
Fusion
-Heating
-Ice
Ice breakup
Ice jams
Latent heat
-Liquefaction
Liquids
-Melt water
Metallurgy
Phase diagrams
Precooling
Preheating

MERCURY COMPOUNDS

Regimen
-Separation
Slush
Snowmelt
Solidification
-Temperature
Thawing
-Thermal properties

Melt water 0808

BT -Fresh water
-Water
NT Snowmelt
RT Glaciers
-Ice
Melting
-Snow
Snow management

Membrane analogy

USE Stress analysis

Membrane processes 0701

BT -Separation techniques
NT -Dialysis
Electrodialysis
Electroosmosis
-Osmosis
Reverse osmosis
Transport depletion
RT Brackish water
-Demineralization
Desalination processes
Impervious membranes
Ion diffusion
-Ion exchange
Mass transfer
-Membranes
Permeable membranes
-Saline water
Semipermeable membranes
-Waste treatment
-Water treatment

Membranes 1107

NT Asphalt membranes
Biological membranes
Buried membranes
Impervious membranes
Permeable membranes
Pervious membranes
Semi-permeable membranes
RT -Absorption
-Dialysis
Diaphragms (mechanics)
-Films
-Filters
Flexible linings
-Fluid filters
Impervious linings
-Ion exchange
-Lined canals
-Membrane processes
Mems-membrane filters
Monomolecular films
-Osmosis
Permeability
-Placing
Polarization
Reverse osmosis
Sheets
Slope protection
Thin films

Memory 0510

(excludes computer storage devices)

RT -Education
Learning
-Training

Memory (computer)

USE Computer storage devices

Mercury (metal) 0702

BT -Chemical elements
-Metals
RT Mercury compounds
Superconductors

Mercury compounds 0702 0703

BT -Chemical compounds
RT Mercury (metal)

Merganser duck (common)

USE Common merganser duck

Mergus merganser

USE Common merganser duck

Merion bluegrass 0603.1

- BT—Bluegrasses
- Crops
- Grasses
- Monocots
- Plants (botany)
- Turf grasses
- RT—Kentucky bluegrass

Meromixis 0808

- RT—Lakes
- Reservoirs
- Seasonal
- Turnovers
- Water circulation

Mesh reinforcement 1303

- BT—Construction materials
- Reinforcement
- RT—Bars
- Concrete pavements
- Concretes
- Engineering structures
- Prestressed concrete
- Reinforced concrete
- Reinforcing materials
- Reinforcing steels

Mesozoic era 0807

- BT—Geologic time

Mesquite 0603.1

- BT—Brush
- Crops
- Dicots
- Horticultural crops
- Phreatophytes
- Plants (botany)
- RT—Chaparral
- Desert plants
- Range management
- Weed control

Metabolism 0616

- NT—Animal metabolism
- RT—Animal physiology
- Biochemical oxygen demand
- Biochemistry
- Biology
- Cytological studies
- Diets
- Digestion
- Growing period
- Growth stages
- Inhibitors
- Mode of action
- Nutrient requirements
- Plant growth
- Plant growth regulators
- Plant growth substances
- Plant physiology
- Proteins
- Respiration
- Salt tolerance
- Vitamins

Metal coatings 1103

- UF—Flame sprays
- Metalizing
- BT—Coatings
- RT—Anodizing
- Cavitation resistance
- Cladding
- Corrosion
- Corrosion control
- Deposition
- Galvanic corrosion
- Galvanizing
- Lacquers
- Metallurgy
- Metals
- Paints
- Plating
- Primers (coatings)
- Protective coatings

Metal detectors 1711

- BT—Detectors
- Equipment
- Instrumentation
- RT—Buried pipes
- Detection
- Magnetic fields
- Magnetic materials
- Metals

Metalizing

- USE Metal coatings

Metallurgy 1106

- RT—Alloys
- Blast furnaces
- Bronzes
- Heat treatment
- Low alloy steels
- Low carbon steel
- Mechanical properties
- Melting
- Metal coatings
- Metals
- Metals treatment
- Microstructure
- Ores
- Phase diagrams
- Stainless steel
- Steel

Metal organic pesticides 0606

- BT—Chemicals
- Organic compounds
- Organic pesticides
- Pesticides

Metal pipes 1311

- BT—Closed conduits
- Conduits
- Conveyance structures
- Hydraulic structures
- Pipes
- Rigid tubing
- Tubes
- RT—Conveyance structures
- Engineering structures
- Hydraulic structures
- Metals
- Rigid pipes
- Stainless steel
- Steel

Metals 0702 1106

- BT—Chemical elements
- Materials
- NT—Alkali metals
- Alkaline earth metals
- Alloys
- Aluminum
- Aluminum alloys
- Barium
- Bronzes
- Cadmium
- Cadmium alloys
- Carbon alloys
- Carbon steels
- Castings
- Cast iron
- Cast steel
- Cesium
- Chromium
- Chromium alloys
- Cobalt
- Cobalt alloys
- Cold-rolled steel
- Copper
- Copper alloys
- Ferrites
- Germanium alloys
- Gold
- Heavy metals
- High strength steels
- Iron
- Iron alloys
- Lead (element)
- Lead alloys
- Lithium
- Lithium alloys
- Low alloy steels
- Low carbon steel
- Magnesium
- Magnesium alloys
- Manganese
- Manganese alloys
- Mercury (metal)
- Molybdenum
- Molybdenum alloys
- Nickel
- Nickel alloys
- Niobium
- Niobium alloys
- Phosphorus alloys
- Platinum
- Platinum alloys
- Plutonium
- Plutonium radioisotopes
- Potassium
- Potassium alloys
- Potassium radioisotopes
- Prestressed steel
- Radium

Radium radioisotopes

- Refractory metals
- Reinforcing steels
- Selenium alloys
- Silicon alloys
- Silver
- Silver alloys
- Sodium
- Sodium alloys
- Sodium radioisotopes
- Stainless steel
- Steel
- Structural steel
- Tin
- Tin alloys
- Titanium
- Titanium alloys
- Tungsten
- Tungsten alloys
- Vanadium
- Vanadium alloys
- Wrought iron
- Zinc
- Zinc alloys
- RT—Blast furnaces
- Building materials
- Buried metalwork
- Cavitation resistance
- Construction materials
- Flexible tubing
- Metal coatings
- Metal detectors
- Metallurgy
- Metal pipes
- Metals treatment
- Metal tests
- Metalwork
- Nonmetals
- Ores
- Roofing materials

Metals treatment 1106

- RT—Heat treatment
- Metallurgy
- Metals
- Quenching
- Stress relieving

Metal tests 1402

- BT—Materials tests
- Tests
- NT—Fatigue tests
- Hardness tests
- Impact tests
- Notch tests
- RT—Environmental tests
- High temperature research
- Metals
- Shear tests
- Static tests
- Strength of materials
- Test specimens

Metalwork 1303

- NT—Buried metalwork
- Embedded metal
- RT—Air conditioning
- Architecture
- Ducts
- Heating
- Liner plates
- Metals
- Structural engineering
- Structural steel

Metamorphic rocks 0807

- BT—Crystalline rocks
- Rocks
- NT—Gneiss
- Marble
- Quartzite
- Schist
- Slate
- RT—Geologic formations
- Geology
- Igneous rocks
- In situ rock
- Petrography
- Petrology
- Sedimentary rocks

Meteoric water 0807

- UF—Atmospheric water
- BT—Water types
- NT—Precipitable water
- RT—Atmosphere
- Clouds
- Condensation
- Connate water

- Evaporation
- Evapotranspiration
- Extraterritorial hydrology
- Geology
- Hydrologic cycle
- Juvenile water
- Lake breezes
- Precipitation (atmospheric)
- Sea breezes
- Transpiration
- Vadose water

Meteorites 0301

- RT—Astronomical bodies
- Meteoroids

Meteorological data 0402

- UF—Meteorological observations
- BT—Information
- RT—Atmosphere
- Climatic data
- Condensation
- Data collections
- Meteorology
- Microclimatology
- Microenvironment
- Synoptic analysis
- Tables (data)
- Temperature inversions
- Weather data
- Weather maps
- Wind speed

Meteorological instruments 0402

- UF—Instruments (meteorological)
- NT—Anemometers
- Barometers
- Hot film anemometers
- Hot wire anemometers
- Rain gages
- Snow gages
- RT—Indicators
- Measuring instruments
- Meteorological radar
- Meteorological satellites
- Meteorology
- Pilot spheres
- Pilot tubes
- Radiation detectors
- Radiation measurement
- Radiation measuring equipment
- Radiosondes
- Recording systems
- Transducers
- Weather stations

Meteorological Observations

- USE Meteorological data

Meteorological radar 0402

- UF—Weather radar
- BT—Radar
- RT—Electronic equipment
- Meteorological instruments
- Weather forecasting
- Weather patterns

Meteorological satellites 0402

- BT—Satellites (artificial)
- RT—Meteorological instruments
- Weather forecasting
- Weather stations

Meteorology 0402

- NT—Atmospheric physics
- Cloud physics
- Hydrometeorology
- Micrometeorology
- RT—Air currents
- Air masses
- Air temperature
- Anticyclones
- Atmosphere
- Atmospheric pressure
- Atmospheric research
- Ceilings (meteorology)
- Chemistry of precipitation
- Climatic data
- Climatology
- Cloud models
- Cloud modification
- Clouds
- Cold climates
- Cold regions
- Condensation
- Convection clouds
- Cumulonimbus clouds
- Cyclones
- Distribution patterns

THESAURUS OF TERMS

Meteorology (Con.)

-Evaporation
 -Evapotranspiration
 Fronts (atmospheric)
 -Geology
 Humidity
 -Hydrologic aspects
 -Hydrologic cycle
 -Hydrology
 -Hydrometeorological station
 -Intensity
 International geophysical year
 Lightning
 -Mass wasting
 Meteorological data
 -Meteorological instruments
 Ocean circulation
 Orographic clouds
 Orographic precipitation
 Orography
 Precipitable water
 -Precipitation (atmospheric)
 Probable maximum precipitation
 -Radiation
 Radiosondes
 Rainfall intensity
 Rime
 -Satellites (artificial)
 Solar radiation
 -Storms
 Storm structure
 Synoptic analysis
 -Temperature
 Transpiration
 -Tropical cyclones
 -Water supply forecasting
 Weather
 Weather data
 Weather forecasting
 -Weather modification
 Weather patterns
 -Wind (meteorology)
 Wind velocity

Meteors (401)

RT -Astronomical bodies
 Astronomy
 Meteorites

Metergates 1402

BT -Gates
 RT -Calibrations
 Flow measurement
 Slide gates
 Staff gages
 Submerged orifices
 Turnout gates

Metering 1402

BT -Measurement
 NT -Hygrometry
 Psychrometrics
 Water metering
 RT -Detection
 Discharge measurement
 Flow measurement
 -Instrumentation
 -Water measurement

Meters 1402

BT -Equipment
 -Instrumentation
 -Measuring instruments
 NT -Ammeters
 Current meters
 -Densimeters
 Extensometers
 -Flowmeters
 Hydrometers
 Inclometers
 Nuclear density meters
 Ohmmeters
 Orifice meters
 Penetrometers
 -Piezometers
 Porous tube piezometers
 Potentiometers
 Propeller meters
 Salinity meters
 Strain meters
 Stress meters
 Tensimeters
 Tiltmeters
 Turbidimeters
 -Velocity meters
 Venturi meters
 Viscometers
 Voltmeters
 Volumetric meters
 Water meters

Wattmeters
 RT -Depth recorders
 -Detectors
 -Indicators
 Laboratory equipment
 -Probes (instruments)
 -Sensors
 -Test equipment

Metes and bounds
 USE Boundaries (property)

Methane 0703

BT -Gases
 RT -Methane bacteria
 -Mines

Methane bacteria 0613

BT -Bacteria
 -Microorganisms
 -Plants (botany)
 RT -Aerobic bacteria
 -Anaerobic bacteria
 Methane
 -Nitrogen fixing bacteria
 Sewage bacteria
 Sludge digestion

Methodology 1407

BT -Formal logic
 NT -Application methods
 Critical path method
 Least squares method
 Monte Carlo method
 -Procedures
 Relaxation method
 Scientific method
 Test procedures
 Analytical techniques
 Decision making
 Design practices
 -Instruction
 Management planning
 Manuals
 -Mathematical analysis
 Organizing
 Planning
 Rapid compaction control
 -Standards
 Statistical analysis
 Systems analysis
 Technology

Methods of application
 USE Application methods

Metric system 1407

RT -Measurement
 Metrology

Metrology 1402 1407

RT -Distance
 -Measurement
 -Measuring instruments
 Metric system
 -Weight

Metropolitan studies

USE Cities

Metropolitan wastes

USE Municipal wastes

Mems-membrane filters 1402

BT -Filters
 RT -Analytical techniques
 -Membranes

Mexican duck 0432

UF -Anas diazi
 BT -Animals
 -Aquatic life
 -Birds
 -Ducks (wild)
 -Migratory birds
 -Waterfowl
 -Wildlife

Mica 0807

BT -Minerals
 RT -Illite
 Vermiculite

Michigan 0826

BT -Geographical regions
 -States (geographical)

Microbiology 0613

NT -Aquatic microflora

Soil microbiology

RT -Bacteria
 -Biology
 Botulism
 Cultures
 -Diseases
 -Fungi
 -Microorganisms
 Nematodes
 Public health
 -Viruses

Microclimatology 0402

BT -Climatology
 RT -Condensation
 Meteorological data
 Microenvironment
 Micrometeorology

Microenvironment 1407

BT -Environments
 RT -Air circulation
 Air-earth interfaces
 -Air pollution
 Air temperature
 Air-water interfaces
 Atmospheric pressure
 -Biological properties
 Boundary processes
 Canopy
 Circulation (animals)
 Circulation (plants)
 Competition
 -Condensation
 Currents (water)
 Dew
 Diurnal
 -Earth-water interfaces
 -Environmental effects
 -Evaporation
 -Evapotranspiration
 Front heaving
 -Hersing
 Humidity
 Hydrologic cycle
 Hydrostatic pressure
 -Interfaces
 Meteorological data
 Microclimatology
 Micrometeorology
 -Movement
 Orography
 Photoperiodism
 Planting management
 Rain
 Rhizosphere
 Seasonal
 -Snow
 Soil contamination
 Soil environment
 Soil temperature
 -Soil types
 -Soil water
 -Storms
 Synoptic analysis
 Thermoperiodism
 Transpiration
 -Water pollution
 Water temperature
 Weather data
 Weathering
 -Wind (meteorology)

Microfauna

USE Microorganisms

Microfilm 1405

BT -Microphotography
 -Photography
 NT -Data collections
 Data retrieval
 Data storage
 -Photographic equipment
 -Photography
 Reproduction (copying)

Microflora

USE Microorganisms

Micrometeorology 0402

RT -Meteorology
 Microclimatology
 Microenvironment

Micrometers 1402

BT -Equipment
 -Instrumentation
 -Measuring instruments
 -Test equipment

Microorganisms 0613

UF -Microfauna
 Microflora
 NT -Acid bacteria
 Actinomycetes
 -Aerobic bacteria
 -Anaerobic bacteria
 -Aquatic bacteria
 -Aquatic fungi
 -Aquatic microorganisms
 Azotobacter
 -Bacteria
 Bacteriophage
 Beggiatoa
 Clostridium
 -Cohorts
 Dinoflagellates
 E. coli
 -Enteric bacteria
 Euglena
 -Euglenophyta
 Ferrobacillus
 -Iron bacteria
 Lactobacillus
 Marine bacteria
 Marine fungi
 -Marine microorganisms
 Methane bacteria
 Molds
 Mycobacterium
 Myxobacteria
 -Nannoplankton
 -Nitrogen fixing bacteria
 Ochromonas
 Pathogenic bacteria
 Pathogenic fungi
 Photosynthetic bacteria
 Plant viruses
 Protozoa
 Pseudomonas
 Rhodophyta
 Rhizaria
 Salmonella
 Sewage bacteria
 Shigella
 Soil algae
 -Soil bacteria
 Soil fungi
 -Soil microorganisms
 Sphaerotilus
 Streptococcus
 -Sulfate reducing bacteria
 Thermophilic bacteria
 Thiobacillus ferrooxidans
 Verticillium
 -Viruses
 Yeasts
 RT -Algae
 -Animals
 -Biology
 Biota
 -Fungi
 -Industrial waste treatment
 -Microbiology
 -Plants (botany)
 Vectors (biology)
 Waste stabilization ponds

Microphones 0905

RT -Acoustic equipment
 Hydrophones
 Telephones
 -Transmitters

Microphotography 1405

BT -Photography
 NT -Microfilm
 RT -Data storage
 -Photographic equipment
 -Photographs

Micropterus species

USE Bass

Microscopes 1402

BT -Instrumentation
 -Optical instruments
 RT -Electron microscopy
 Laboratory equipment
 Lenses (optical)
 -Microscopy

Microscopes (electron)

USE Electron microscopy

Microscopy 1402

BT -Analytical techniques
 NT -Electron microscopy
 RT -Chemical analysis

MICROSCOPY

MICROSEISMS

Microscopy (Con.)

- Crystallography
- Microscopes
- Microstructure
- Mineral analysis
- Optical measurement
- Optical properties
- Petrofabrics
- Petrographic investigations
- Petrography
- Qualitative analysis

Microscopy (electron)

USE Electron microscopy

Microseisms 0807

- BT -Elastic waves
- Mechanical waves
- Seismic waves
- Waves
- NT Rock noise
- RT Cracking
- Rock pressures
- Seismic investigations
- Seismographs
- Seismology
- Underground explosions

Microstructure 1106

- RT -Crystals
- Ferrites
- Fractures
- Grain shapes
- Grain structure (metals)
- Hardening
- Heat treatment
- Metallurgy
- Microscopy

Microwaves 2014

- BT -Electromagnetic waves
- Radio waves
- Waves
- RT Antennas
- Masers
- Protective relaying
- Radiation
- Radio communication systems
- Radio reception
- Supervisory control (power)
- Telemetry systems
- Television
- Wavelength

Midges 0603.2

- UF Ceratopogonids
- Tendipes plumosus
- BT -Animals
- Diptera
- Insects
- Invertebrates
- RT -Aquatic insects

Migrant labor

USE Labor mobility

Migration 0510

- UF Emigration
- NT Diet migration
- Fish migration
- Vertical migration
- RT -Animal behavior
- Birds
- Dispersion
- Distribution patterns
- Diurnal
- Ecology
- Environmental effects
- Fish behavior
- Fisheries
- Labor mobility
- Life cycles
- Life expectancy
- Life history studies
- Movement
- Plants (botany)
- Population
- Population growth
- Seasonal
- Social mobility
- Succession
- Weeds

Migration patterns 0510

- RT Diet migration
- Diurnal distribution
- Migratory birds
- Overwintering sites
- Spatial distribution
- Temporal distribution

Migratory birds 0603.2

- BT -Animals
- Birds
- Wildlife
- NT American widgeon
- Barrows goldeneye duck
- Black brant
- Black duck
- Blue goose
- Blue-winged teal
- Brant
- Bufflehead duck
- Canada goose
- Canvasback duck
- Coastal diving ducks
- Common eider duck
- Common goldeneye duck
- Common merganser duck
- Common teal
- Ducks (wild)
- Emperor goose
- European widgeon
- Fulvous tree duck
- Gadwall duck
- Geese (wild)
- Greater scaup duck
- Green-winged teal
- Lesser scaup duck
- Mallard duck
- Mexican duck
- Mottled ducks
- Oldsquaw duck
- Pintail ducks
- Puddleducks
- Redhead duck
- Ring-necked duck
- Ruddy duck
- Shoveler duck
- Snow goose
- Stellers eider duck
- White-fronted goose
- White-winged scoter
- Wood duck
- RT Animal groupings
- Bird types
- Fish and wildlife
- Game birds
- Gulls
- Migration patterns
- Non-game birds
- Non-migratory birds
- Nuisance birds
- Overwintering sites
- Shore birds
- Song birds
- Water birds
- Waterfowl

Mildews 0603.1

- RT -Diseases
- Epiphytology
- Plant diseases

Military 1500

- RT Army
- Logistics
- National defense
- Navy

Military aspects 1500

- RT Biological warfare
- Chemical warfare
- Civil engineering
- Military reservations
- Naval architecture
- Navigation
- Submarines
- Terrain analysis

Military reservations 0504

- BT -Federal reservations
- Public land
- RT Military aspects

Milk 0608

- RT Caseins
- Dairy industry

Mill dams 1313.1

- BT -Dams
- RT Artificial use
- Concrete structures
- Riparian rights

Milling machines 1309

- BT -Machine tools
- RT Boring machines
- Grinders
- Machining

Mills 1309

- BT -Industrial plants
- NT Ball mills
- Roll mills
- Saw mills
- RT -Buildings
- Facilities
- Mineral industry
- Murers
- Structures

Mill scale 1106

- RT -Corrosion
- Scale (corrosion)

Mine acids 0809

- BT -Acids
- Chemicals
- RT -Acidic water
- Acid mine water
- Coal mines
- Coal mine wastes
- Disposal wells
- Mine drainage
- Mines
- Mine wastes
- Mine water
- Mining
- Water pollution sources

Mine drainage 0809

- UF Acid mine drainage
- Mine hydrology
- BT -Drainage
- RT Acid mine water
- Acid streams
- Deep-well pumping
- Disposal wells
- Groundwater movement
- Hydraulic mining
- Hydraulic transportation
- Mine acids
- Mines
- Mine wastes
- Mine water
- Mining
- Mining engineering
- Shafts (mining)

Mine hydrology

USE Mine drainage

Mineral analysis 0807

- BT -Analysis
- RT -Chemical analysis
- Crystallography
- Differential thermal analysis
- Fluorescence
- Microscopy
- Mineral content
- Mineral industry
- Mineralogy
- Minerals
- Petrographic investigations
- Petrography
- Petrology
- X-ray diffraction
- X-ray fluorescence

Mineral content 0807

- RT -Cements
- Chemical analysis
- Dissolved solids
- Industrial wastes
- Mineral analysis
- Mineralogy
- Minerals
- Mineral water
- Ores
- Petrography
- Petrology
- Rocks
- Soil analysis
- Soils
- Water analysis
- Water quality

Mineral industry 1308

- BT -Industries
- RT Ball mills
- Hydraulic mine-filling
- Hydraulic transportation
- Mills
- Mineral analysis
- Mines
- Mining
- Open pit mining

Mineral needs

USE Nutrient requirements

Mineralogy 0807

- BT -Geology
- RT Crystallography
- Crystals
- Geochemistry
- Mineral analysis
- Mineral content
- Minerals
- Petrographic investigations
- Petrography
- Petrology
- Rocks
- Sedimentology
- Silicates
- Soil science

Minerals 0807

- NT Anhydrite
- Bridgite
- Calcite
- Carbonate minerals
- Clay minerals
- Diamonds
- Dolomite
- Feldspars
- Graphite
- Gypsum
- Illite
- Kaolinite
- Mica
- Montmorillonite
- Perlite
- Pyrite
- Quartz
- Serpentine
- Talc
- Travertine
- Vermiculite
- Zeolites
- RT -Beneficiation
- Crystals
- Inorganic compounds
- Land resources
- Mineral analysis
- Mineral content
- Mineralogy
- Mines
- Nonmetals
- Ores
- Petrography
- Petroleum
- Rocks
- Soil aggregates
- Soil components

Mineral water 0807

- BT -Water types
- RT Brackish water
- Geysers
- Hot springs
- Mineral content
- Saline groundwater
- Saline lakes
- Saline water
- Salinity
- Salts
- Springs (water)
- Thermal springs
- Thermal water
- Warm springs

Miners Inch 2004

- BT -Water measurement
- RT Discharge measurement
- Fluid flow
- Irrigation
- Placer mining

Mines 0809

- NT Coal mines
- Quarries
- RT Copper
- Drift
- Drift mining
- Exploitation
- Exploration
- Gold
- Hoisting machinery
- Hydraulic mining
- Lagging
- Land subsidence
- Materials handling
- Methane
- Mine acids
- Mine drainage
- Mineral industry

THESAURUS OF TERMS

MODELS

Mines (Con.)

- Minerals
- Mine wastes
- Mine water
- Mining
- Mining engineering
- Open pit mining
- Ores
- Panning
- Pits
- Placer mining
- Quarrying
- Rocks
- Safety
- Shafts (mining)
- Stopes
- Subsidence
- Timbers
- Underground openings
- Ventilation

Mine wastes 0809

- BT -Industrial wastes
- Wastes
- NT Coal mine wastes
- Strip mine wastes
- RT Acid bacteria
- Acid mine water
- Acid streams
- Aerobic bacteria
- Chemical wastes
- Iron bacteria
- Mine acids
- Mine drainage
- Mines
- Mine water
- Mining
- Muck
- Open pit mining
- Shafts (mining)
- Spoil
- Waste dumps
- Water pollution sources

Mine water 0809

- BT -Water
- NT Acid mine water
- RT Deep-well pumping
- Dewatering
- Hydraulic mining water
- Inflow
- Mine acids
- Mine drainage
- Mines
- Mine wastes
- Mining
- Recirculated water
- Shafts (mining)
- Waste water
- Waste water (pollution)
- Water pollution sources

Minimum weight design 1313.5

- BT -Design
- Structural design
- RT Design practices
- Optimum design
- Structural members
- Weight

Minimum weight theory 1313.5

- BT -Theory
- RT -Structural design
- Weight

Mining 0809

- NT Drift mining
- Groundwater mining
- Hydraulic mining
- Open pit mining
- Panning
- Placer mining
- Quarrying
- RT Acid mine water
- Blasting
- Coal mines
- Drilling equipment
- Earth handling equipment
- Excavation
- Excavators
- Exploitation
- Exploration
- Explosive excavation
- Explosives
- Geiger counters
- Grouting
- Industrial wastes
- Locomotives
- Materials handling
- Mine acids

- Mine drainage
- Mineral industry
- Mines
- Mine wastes
- Mine water
- Mining engineering
- Ores
- Percussion drilling
- Quarries
- Rock mechanics
- Rock pressures
- Shafts (mining)
- Smooth wall blasting
- Spoil
- Stopes
- Strip mines
- Subsidence
- Timbers
- Tunnel construction
- Underground
- Underground explosions
- Waste dumps

Mining engineering 0809

- UF Engineers (mining)
- Mining engineers
- BT -Engineering
- RT Air circulation
- Beneficiation
- Civil engineering
- Coal mines
- Exploration
- Industrial engineering
- Mine drainage
- Mines
- Mining
- Open pit mining
- Overburden
- Relief vaults
- Safety
- Shafts (mining)
- Tunnel design
- Tunnels
- Waste disposal
- Water tunnels (conveyance)

Mining engineers

USE Mining engineering

Mining shafts

USE Shafts (mining)

Mink 0603.2

- BT -Animals
- Furbearers
- Mammals
- Small animals (mammals)
- Wildlife

Minnesota 0806

- BT -Corn belt
- Geographical regions
- States (geographical)

Minnows 0603.2

- BT -Animals
- Aquatic animals
- Aquatic life
- Fish
- Wildlife

RT Bait fishing

- Baits
- Carp
- Killifishes

Minor structures

USE Small structures

Mirrors 2006

- RT -Optical instruments
- Reflection

Mississippi 0806

- BT -Coastal plains
- Geographical regions
- States (geographical)

Missouri 0806

- BT -Corn belt
- Geographical regions
- States (geographical)

Mist 0402

- RT Aerosols
- Application methods
- Fog
- Haze
- Humidity
- Mist irrigation

- Particles
- Rain
- Raindrops
- Smog
- Water vapor

Mist irrigation 0203.1

- BT -Gravity irrigation
- Irrigation
- Irrigation systems
- Mist
- Sprays

Miter gates 1313.7

- BT -Gates
- Hydraulic gates
- RT Gate control
- Gate seals
- Hinged structures
- Lock gates
- Locks (waterways)
- Sluices

Mites 0603.2

- BT -Animals
- Invertebrates
- RT Acaricides
- Aquatic insects
- Entomology
- Insects
- Thermophilic animals

Mixed flow pumps 1307.1

- BT -Hydraulic machinery
- Machines
- Pumps
- RT Centrifugal pumps
- Deriaz pump turbine
- Pumping
- Pumping plants
- Pump tests
- Rotary pumps

Mixed forests 0206

- BT -Forests
- RT Coniferous forests
- Deciduous forests
- Succession

Mixers 1309

- (excludes mixing circuits)
- BT -Construction equipment
- Equipment
- NT Transit mixers
- RT Asphalt plants
- Blades
- Carburetors
- Centrifuges
- Concrete control
- Concrete mixes
- Concrete plants
- Concrete technology
- Diffusers
- Drums
- Emulsifiers
- Feeders
- Laboratory equipment
- Mills
- Mixing
- Mixtures
- Plowing

Mixes

USE Mixtures

Mixing 1308

- RT Accelerating (chemistry)
- Aeration
- Batching
- Circulation
- Concrete mixes
- Convection
- Diffusion
- Dilution
- Dispersion
- Emulsions
- Entrainment
- Formulation
- Jet diffusion
- Mixers
- Mixtures
- Movement
- Processing
- Rotational flow
- Separation
- Slurries
- Solubility
- Spraying
- Suspension

- Turbulence
- Water treatment plants

Mixing length 1402

- RT Aeration
- Chemical dilution method
- Circulation
- Colloids
- Convection
- Diffusion
- Discharge measurement
- Dispersion
- Eddies
- Estuaries
- Flow measurement
- Radioactive tracers
- Reynolds number
- Saline water-freshwater interlaces
- Salt velocity method
- Slurries
- Suspension
- Turbulent flow
- Vortices
- Waste dilution

Mixtures 0704

- UF Mixes
- NT Lime soil mixtures
- Slurries
- RT Compatibility
- Concrete mixes
- Emulsions
- Fog
- Formulation
- Heterogeneity
- Mixers
- Mixing
- Paints
- Smog
- Smoke
- Solubility
- Suspended solids

Mobile equipment 1505

- RT Airborne equipment
- Augers
- Compaction equipment
- Construction equipment
- Cranes (hoists)
- Draglines
- Drills
- Excavators
- Field laboratories
- Loaders
- Mobile laboratories
- Mobile substations
- Pneumatic tired rollers
- Rollers
- Tamping rollers

Mobile laboratories 1402

- BT -Laboratories
- Test facilities
- RT Airborne equipment
- Mobile equipment

Mobile substations 0903

- RT -Circuit breakers
- Electric power distribution
- Electric switches
- Mobile equipment
- Power transformers
- Transmission (electrical)
- Transmission lines

Models 1402

- NT -Analog models
- Aquifer model
- Computer models
- Fixed-bed models
- Hydraulic models
- Hydrologic models
- Mathematical models
- Movable bed models
- Resistance networks
- Statistical models
- Stochastic models
- Structural models
- RT Analog computers
- Analog
- Design tools
- Dimensional analysis
- Electric analogs
- Laboratory equipment
- Model studies
- Model tests
- Pilot plants
- Prototypes
- Scale (ratio)

MODEL STUDIES

THESAURUS OF WATER RESOURCES TERMS

Models (Con.)

- Scale effect
- Similitude
- Simulation
- Test equipment
- Test facilities
- Tests
- Wind tunnels

Model studies 1402

- UF Physical models
- NT -Analog models
- Aquifer model
- Computer models
- Fixed-bed models
- Hydraulic models
- Hydrologic models
- Leontief models
- Movable bed models
- Resistance networks
- Statistical models
- RT -Analytical techniques
- Design
- Environmental tests
- Flow nets
- Foreign tests
- Hydraulic similitude
- Hydrologic data
- Mathematical models
- Models
- Model tests
- Photoelasticity
- Prototype tests
- Research and development
- Research facilities
- Scale effect
- Similitude
- Structural models
- Synthesis
- Tests
- Theoretical analysis

Model tests 1402

- BT -Tests
- RT -Analog models
- Computer models
- Experimental data
- Hydraulic models
- Hydraulic similitude
- Laboratory tests
- Materials tests
- Mathematical models
- Models
- Model studies
- Movable bed models
- Photoelasticity
- Prototype tests
- Similitude
- Simulation
- Soil tests
- Static tests
- Structural models
- Test facilities
- Test procedures
- Theoretical analysis
- Wind tunnels

Mode of action 0603

- RT -Animal physiology
- Biodegradation
- Metabolism
- Phytotoxicity
- Plant physiology
- Selectivity
- Translocation

Modulation 2014

- NT Amplitude modulation
- Frequency modulation
- RT Carrier-current
- Radio waves

Modulus (younge)

- USE Modulus of elasticity

Modulus of elasticity 2012

- UF Elasticity modulus
- Modulus (younge)
- Younge modulus
- BT -Mechanical properties
- RT Axial strain
- Axial stress
- Concrete properties
- Elastic deformation
- Elasticity (mechanical)
- Elastic limit
- Elastic theory
- Poisson ratio
- Rigidity
- Shear modulus

- Strength of materials
- Stress-strain curves
- Tensile properties

Mohr circle 0813

- BT -Stress circle
- RT Cohesion
- Envelopes
- Internal friction
- Mohr envelope
- Mohr failure theory
- Normal stress
- Rock mechanics
- Shear planes
- Shear stress
- Soil mechanics
- Soil tests
- Strength of materials

Mohr envelope 0813

- BT -Envelopes
- RT Cohesion
- Friction coefficient (mechanical)
- Internal friction
- Mohr circle
- Mohr failure theory
- Rock mechanics
- Shear failure
- Soil mechanics
- Soil tests

Mohr failure theory 0813

- BT -Theory
- RT -Failure (mechanics)
- Internal friction
- Mohr circle
- Mohr envelope
- Rock mechanics
- Shear failure
- Soil mechanics
- Strength of materials
- Theoretical analysis

Moist condition 1407

- RT -Moisture
- Moisture content
- Unsaturated soils
- Water content
- Wet condition

Moisture 0704

- UF Damp
- NT Adsorbed water
- Capillary water
- Fringe water
- Humidity
- Hygroscopic water
- Precipitable water
- Precipitation (atmospheric)
- Soil moisture
- Subsurface moisture
- Water vapor
- RT Dehydration
- Hydrolysis
- Moist condition
- Moisture availability
- Moisture content
- Moisture deficit
- Moisture meters
- Moistureproofing
- Moisture sensors
- Soil-water-plant relationships
- Water
- Water content

Moisture availability 0808

- UF Available moisture
- RT Arid lands
- Crop response
- Hygroscopic water
- Moisture
- Moisture content
- Moisture stress
- Moisture tension
- Moisture uptake
- Phreatophytes
- Root zone
- Soil environment
- Soil moisture
- Soil water
- Supplemental irrigation
- Turgidity
- Wilting

Moisture blocks (soil)

- USE Bouyoucos blocks

Moisture content 0704

- UF Unit water content

- Wetness
- NT Humidity
- Optimum moisture content

- RT Acceptance tests
- Atterberg limits
- Bouyoucos blocks
- Compaction
- Desiccants
- Dry density
- Drying
- Field capacity
- Flow rates
- Hot winds
- Hydrologic properties
- Hygrometry
- Lysimeters
- Moist condition
- Moisture
- Moisture availability
- Moisture deficit
- Moisture meters
- Moisture sensors
- Moisture stress
- Moisture tension
- Moisture uptake
- Nuclear density meters
- Nuclear moisture meters
- Precipitable water
- Proctor curves
- Rapid compaction control
- Relative consistency
- Soil liquefaction
- Soil moisture
- Soil moisture meters
- Subsurface moisture
- Tensiometers
- Unsaturated soils
- Void ratio
- Water
- Water application rate
- Water content
- Water table
- Wet condition
- Wet weight
- Wilting
- Wilting point

Moisture deficit 0808

- RT Droughts
- Moisture
- Moisture content
- Moisture stress
- Moisture uptake
- Plant physiology
- Stomata
- Transpiration
- Water loss
- Water shortage
- Wilting point

Moisture equivalent

- USE Specific retention

Moisture meters 1402

- BT -Instrumentation
- Measuring instruments
- Test equipment
- NT Nuclear moisture meters
- Soil moisture meters
- RT -Moisture
- Moisture content
- Moisture sensors
- Water content

Moistureproofing 1308

- UF Dampproofing
- RT -Asphalt emulsions
- Caulking
- Coatings
- Construction joints
- Moisture
- Protective coatings
- Sealants
- Sealing compounds
- Slabs
- Underwater construction
- Underwater foundations
- Waterproofing
- Water seals
- Waxes
- Weatherproofing

Moisture requirements

- USE Water requirements

Moisture sensors 1402

- BT -Detectors
- Instrumentation
- Sensors

- RT Automatic control
- Moisture
- Moisture content
- Moisture meters
- Nuclear moisture meters
- Water content

Moisture stress 0603.1

- BT -Stress
- RT -Animal physiology
- Drought resistance
- Droughts
- Drought tolerance
- Moisture availability
- Moisture content
- Moisture deficit
- Moisture uptake
- Movement
- Osmotic pressure
- Plant physiology
- Water requirements

Moisture tension 0808

- UF PF
- BT -Tension
- RT -Hydrologic properties
- Moisture availability
- Moisture content
- Pore pressure
- Pores
- Soil moisture
- Soil structure
- Soil suction
- Soil water
- Wettability

Moisture uptake 0808

- RT -Absorption
- Adsorption
- Consumptive use (water)
- Moisture availability
- Moisture content
- Moisture deficit
- Moisture stress
- Movement
- Transfer
- Translocation
- Transpiration
- Turgidity
- Water requirements
- Water utilization

Moisture use

- USE Water utilization

Moldings 1107

- RT -Castings
- Extrusions
- Materials forming

Molds 0603.1

- UF Filamentous fungi
- BT -Fungi
- Microorganisms
- Plants (botany)

Molecular diffusion

- USE Diffusion

Molecular films

- USE Monomolecular films

Molecular structure 0704

- BT -Structure
- RT Atoms
- Chemical properties
- Configuration
- Crystallography
- Crystals
- Infrared spectroscopy
- Molecular weight
- Molecules
- Nuclear magnetic resonance
- Polymerization
- Polymers
- Water structure
- X-ray diffraction

Molecular weight 0704

- BT -Chemical properties
- Weight
- RT Atoms
- Chemical compounds
- Molecular structure
- Molecules

Molecules 0704

- RT Atoms
- Chemical compounds

THESAURUS OF TERMS

Molecules (Con.)

Molecular structure
Molecular weight
Monomers
Polymers

Mole drainage 0808.1

BT—Drainage
—Subsurface drainage
RT Chiselling
—Drains
Mole irrigation
Percolation

Mole irrigation 0203.1

BT—Irrigation
RT Mole drainage
Percolation
Subsurface irrigation

Moles

USE Tunneling machines

Mollenesia species

USE Livebearers

Molluscacides 0606

BT—Chemicals
—Pesticides
—Poisons
RT Snails

Mollusks 0603.2

UF Pelecypods
BT—Animals
—Aquatic animals
—Aquatic life
—Invertebrates
NT Clams
—Gastropods
Mussels
Oysters
Snails
Teredos
RT Animal groupings
—Marine borers
—Shellfish

Mollus

USE Livebearers

Molybdenum 0702

BT—Chemical elements
—Metals
—Refractory metals
RT Molybdenum alloys
Molybdenum compounds

Molybdenum alloys 1106

BT—Alloys
—Heat resistant alloys
—Iron alloys
—Metals
RT Molybdenum
—Steel

Molybdenum compounds 0702

0703
BT—Chemical compounds
RT Molybdenum

Moment distribution 1313.5

BT—Distribution
RT Bending moments
—Loads (forces)
—Moments
Moments of inertia
Stiffness
Stress analysis
Stress distribution
Structural analysis
Structural design

Moments 1407

NT Bending moments
Moments of inertia
RT Bending
—Loads (forces)
Mass
Moment distribution
Momentum
—Statics
Torque

Moments of inertia 2011

UF Inertia (moments of)
BT—Moments
RT Bending moments
Mass
Moment distribution

—Statics
Stiffness
Stress analysis

Momentum 2011

RT—Dynamics
Kinetic energy
—Mechanics
—Moments
Momentum transfer
Pendulums
Potential energy
—Transport phenomena

Momentum equation 2004

BT—Equations
RT Continuity equation
Energy equation
—Flow
—Hydraulics
Specific head
—Velocity

Momentum transfer 2011

BT—Transfer
—Transport phenomena
RT—Dynamics
Energy transfer
—Kinetics
Momentum

Monetary benefits 0503

BT—Benefits
RT Agricultural economics
—Costs
Economic impact
Economic prediction
—Economics
Financial feasibility
—Income
—Return (monetary)
—Value

Monetary value

USE Value

Monitoring 1407

RT—Control
Control systems
Data collections
Data transmission
—Maintenance
Materials control
—Measurement
—Operations
—Regulation

Monocots 0603.1

BT—Plants (botany)
NT Asparagus
Bahiggrass
Barley
Bermudagrass
—Bluegrasses
Bromegrass
Buckwheat
Cattails
—Cereal crops
Coastal bermudagrass
Corn (field)
Dallisgrass
Dates
Ditch grass
Fescues
—Forage grasses
Grama grasses
—Grasses
Johnsongrass
Kentucky bluegrass
Merion bluegrass
Oats
Onions
Orchardgrass
Perennial ryegrass
Popcorn
—Range grasses
Rice
Sage pondweed
Sorghum
Sudangrass
Sugarcane
Sweet corn
Switchgrass
—Turf grasses
Wheat
Wheatgrasses
Wild rice
RT Forage mixtures
—Fruit crops

Orchards
—Sugar crops
Tropical fruits
Widgeon grass

Monoliths 1407

RT Boulders
Cast-in-place structures
—Concrete dams
—Concrete structures
Masonry dams
Mass concrete
—Rocks
Rubble masonry
Stones

Monomers 0703

BT—Chemical compounds
RT Molecules
Polymerization
Polymers

Monomolecular films 0704

UF Molecular films
BT—Films
RT Evaporation control
Evaporation retardants
—Fatty alcohols
Hexadecanol
—Interfaces
—Membranes
Octadecanol
Thin films

Monopoly 0503

RT Competition
—Economics

Monsoons 0402

BT—Wind (meteorology)
RT—Precipitation (atmospheric)
—Rainfall
Seasonal
Wet seasons

Montana 0806

BT—Geographical regions
—States (geographical)
RT Reclamation rates

Monte Carlo method 1201

BT—Analysis
—Methodology
—Numerical analysis
RT Approximation method
Markov processes
—Mathematical analysis
—Mathematical models
—Mathematics
—Operations research
Probability theory
Sequential analysis
Simulation
—Statistical models
—Stochastic processes

Monthly 1407

RT Annual
Average
Biorhythms
Seasonal
—Time

Montmorillonite 0807

UF Montmorillonoid
BT—Clay minerals
—Minerals
—Silicates
NT Beidellite
RT Bentonite
—Expansive clays
—Expansive soils
Illite
Kaolinite

Montmorillonoid

USE Montmorillonite

Monuments 1302

RT Bench marks
—Buildings
—Plane surveying
—Surveying
Survey stations

Monuron 0606

UF CMU
BT—Chemical compounds

MORPHOLOGY

—Chlorinated hydrocarbon pesticides
—Halogenated pesticides
—Herbicides
—Nitrogen compounds
—Organic compounds
—Organic pesticides
—Pesticides
—Urea pesticides
—Ureas

Moody resistance diagrams 2004

RT—Boundary layer
Darcy-Weisbach equation
Friction coefficient (hydraulic)
—Pipes
—Resistance
Reynolds number
Steady flow
Uniform flow

Moon 0301

BT—Astronomical bodies
RT Earth (planet)
—Tides

Mooring 1313.5

RT—Docks
Harbors

Moraines 0807

BT—Alluvial deposits
—Geologic deposits
—Glacial deposits
—Glacial geology
—Land forms
—Sediment deposits
RT—Geology
Geomorphology
Glacial soils
Glaciation
Glaciers

Morale 0510

RT Attitudes
Employee relations
—Environments
Fringe benefits
Industrial relations
Leadership
Motivation
—Productivity
—Psychology
—Recreation facilities
—Safety
Salaries
—Training
Working conditions

Morays 0603.2

BT—Animals
—Aquatic animals
—Aquatic life
—Fish
—Marine animals
—Marine fish
—Saline water fish
—Wildlife
RT Eels

Morbidity 0605

RT—Air pollution
Air pollution effects
—Diseases
Epidemiology
Fishkill
Mortality
—Population
Public health
—Rates
Soil contamination
—Water pollution
Water pollution effects

Morning glory spillway 1313.1

BT—Hydraulic structures
—Spillways
RT Approach channels
Closed conduit spillways
—Dams
Flip buckets
Ogee crests
Overflow
Spillway crests
Stilling basins

Morphology 1407

NT—Fluvial morphology
Geomorphology

MORTALITY

Morphology (Con.)

- Glacial geology
- Lake morphology
- RT -Biology
- Configuration
- Erosion
- Geography
- Land forms
- Languages
- Mountains
- Soil physics
- Soil structure
- Soil texture
- Structure
- Surfaces
- Terrain
- Terrain analysis
- Texture
- Topography

Mortality 0511

- RT -Air pollution
- Air pollution effects
- Environmental effects
- Epidemiology
- Fish establishment
- Fishkill
- Longevity
- Morbidity
- Pesticide residues
- Poisons
- Population
- Population growth
- Predation
- Public health
- Red tide
- Soil contamination
- Toxins
- Water pollution
- Water pollution effects

Mortars 1303

- BT -Building materials
- Construction materials
- Materials
- NT Epoxy mortar
- RT -Admixtures
- Brick masonry
- Bricks
- Cement grouts
- Cements
- Clay masonry
- Concrete masonry
- Concretes
- Grouting
- Gypsum
- Lime
- Masonry
- Masonry dams
- Pipe linings
- Plaster
- Portland cements
- Rubble masonry
- Setting (materials)
- Shotcrete

Mosaics 0802

- RT Aerial photography
- Aerial reconnaissance
- Aerial surveys
- Mapping
- Maps
- Photogrammetry
- Photographs

Mosquitoes 0603.2

- UF Aedes species
- BT -Animals
- Diptera
- Insects
- Invertebrates
- RT -Aquatic insects
- Larvae
- Public health

Mosses 0603.1

- UF Sphagnum species
- BT -Plants (botany)

Motion 2011

- Use of a more specific term is recommended
- RT -Acceleration (physics)
- Ballistics
- Displacements
- Kinetic energy
- Movement
- Oscillations
- Rotation
- Turbulence

- Velocity
- Vibration

Motion pictures 1405

- BT -Photographs
- RT -Photographic analysis
- Photography
- Time and motion studies

Motivation 0510

- RT Applied psychology
- Attitudes
- Careers
- Decision making
- Human behavior
- Incentives
- Learning
- Management training
- Morale
- Objectives
- Professional advancement
- Professional development
- Psychological aspects
- Psychology
- Self-improvement
- Social aspects
- Value

Motor generators 1002

- BT -Electric generators
- Equipment
- Generators
- Rotating machines
- NT Dynamometers
- RT -Electrical equipment
- Electric motors

Motors 1002

- NT -Electric motors
- Induction motors
- RT -Internal combustion engines
- Power transmission (mechanical)
- Servomechanisms
- Synchronous machines

Motor vehicle accidents 1312

- UF Accidents (traffic)
- Traffic accidents
- BT -Accidents
- RT -Motor vehicles
- Safety
- Traffic

Motor vehicles 1306

- NT Automobiles
- RT Motor vehicle accidents
- Traction
- Tractors
- Traffic
- Trailers
- Vehicles
- Wheels

Mottled ducks 0603.2

- UF Anas fulvigula
- BT -Animals
- Aquatic life
- Birds
- Ducks (wild)
- Migratory birds
- Waterfowl
- Wildlife

Mountain forests 0206

- BT -Forests
- RT -Conservation
- Rain forests
- Snowpacks

Mountains 0806

- BT -Land forms
- RT Alpine
- Avalanches
- Chinook
- Cirques
- Geomorphology
- Morphology
- Orographic clouds
- Orographic precipitation
- Orography
- Regions
- Slopes
- Terrain
- Terrestrial habitats
- Topography
- Valleys
- Volcanoes
- Water gaps
- Watersheds (divides)

Movable bed models 1402

- BT -Hydraulic models
- Models
- Model studies
- RT Channel beds
- Fixed-bed models
- Hydraulic gradient
- Hydraulic laboratories
- Hydraulic similitude
- Model tests
- River beds
- River flow
- Sediment control
- Sediment transport
- Tractive forces

Movable dams 1313.1

- BT -Dams
- RT Flashboards
- Hydraulic gates

Movable laboratories

- USE Field laboratories

Movement 1407

- NT Air circulation
- Average flow
- Axial flow
- Base flow
- Capillary action
- Channel flow
- Circulation
- Circulation (animals)
- Circulation (plants)
- Closed conduit flow
- Convection
- Converging flow
- Critical flow
- Density-flow
- Design flow
- Earth movements
- Flow
- Flow around objects
- Fluid flow
- Gradually varied flow
- Groundwater flow
- Groundwater movement
- Incompressible flow
- Laminar flow
- Low flow
- Natural flow
- Non-Newtonian flow
- Non-uniform flow
- Ocean circulation
- Open channel flow
- Orifice flow
- Overland flow
- Percolation
- Pipe flow
- Porous media flow
- Potential flow
- Pulsating flow
- Regulated flow
- Return flow
- River currents
- River flow
- Rotational flow
- Saturated flow
- Sheet flow
- Sliding
- Slipping
- Soil water movement
- Steady flow
- Stratified flow
- Streamflow
- Subcritical flow
- Subsonic flow
- Subsurface flow
- Supercritical flow
- Supersonic flow
- Transient flow
- Transition flow
- Turbidity currents
- Turbulent flow
- Two-phase flow
- Uniform flow
- Unsaturation flow
- Unsteady flow
- Viscous flow
- Water circulation
- RT Balance of nature
- Convection
- Currents (water)
- Deflection
- Displacements
- Earthquakes
- Fluctuation
- Friction
- Hydrologic cycle

- Ion transport
- Kinetics
- Leaching
- Lentic environment
- Lotic environment
- Mass wasting
- Microenvironment
- Migration
- Mining
- Moisture stress
- Moisture uptake
- Motion
- Path of pollutants
- Persistence
- Pesticide drift
- Pesticide kinetics
- Saltation
- Sand waves
- Sedimentation
- Sedimentation rates
- Sediment load
- Sediment transport
- Settling velocity
- Tracers
- Tractive forces
- Transfer
- Translocation
- Turbulence
- Underflow
- Velocity
- Water circulation
- Work

Muck 0807

- UF Muck soils
- RT -Blasting
- Clays
- Marine clays
- Marshes
- Mine wastes
- Mud
- Mud
- Muskeg
- Organic clays
- Organic matter
- Organic silts
- Organic soils
- Peat
- Peat bog
- Slime

Muck soils

- USE Muck

Mud 0807

- BT -Earth materials
- Materials
- Soils
- RT Bottom sediments
- Clays
- Drilling fluids
- Grouting
- Gumbo
- Marine clays
- Marl
- Muck
- Mud flats
- Mudflows
- Mudjacking
- Mudstone
- Mud-water interfaces
- Puddling
- Saturated soils
- Sediment-water interfaces
- Silt
- Slime
- Slurries
- Soil types
- Wet condition

Mud flats 0807

- BT -Land forms
- Sediment deposits
- RT Geomorphology
- Intertidal areas
- Mud
- Mud-water interfaces
- Sediments
- Sediment-water interfaces
- Shores
- Tidal effects
- Tidal marshes

Mudflows 0807

- RT Debris avalanches
- Earth movements
- Landslides
- Liquefaction
- Mass wasting
- Mud

THESAURUS OF TERMS

NATIONAL DEFENSE

Mudflows (Con.)

Plastic failure
Saturated flow
Sedimentary tuff
Soil liquefaction

Mud glaciers

USE Solifluction

Mudjacking 1315

RT Concrete linings
Concrete pavements
-Grouting
Injection
Mud
-Pumping
Slabs

Mudstone 0807

BT -Rocks
-Sedimentary rocks
RT -Clays
Clay shales
Claystones
Mud
-Sediment deposits
-Shale
-Silt
Siltstone

Mud-water interfaces 0807

BT -Boundaries (surfaces)
-Earth-water interfaces
-Interfaces
RT Intertidal areas
Lake soils
Mud
Mud flats
-Sediments
Sediment-water interfaces
-Shores
Soil surfaces
-Water

Mugil species

USE Mullet

Mulching 0201

NT Stubble mulching
Vertical mulching
RT Crop response
Evaporation control
Evaporation retardants
-Organic matter
Soil conservation
-Soil management
Soil surfaces
Water conservation
-Water management (applied)
-Weed control

Mullet 0603.2

UF Mugil species
BT -Animals
-Aquatic animals
-Aquatic life
-Fish
-Marine animals
-Marine fish
-Saline water fish
-Wildlife
RT -Freshwater fish

Multilevel outlets 1313.1

BT -Hydraulic structures
-Outlets
-Outlet works
-Structures
RT Density currents
Density stratification
-Drawdown
Intake gates
-Intake structures
Intake towers
-Reservoir operation
Selective level releases
-Stratification
Thermal gradient
Thermal stratification
Water quality control
Water temperature
Withdrawal

Multiple arch dams 1313.1

BT -Arch dams
-Concrete dams
-Concrete structures
-Dams
-Engineering structures
RT Buttress dams

Gravity dams

Multiple purpose 1407

RT Dual purpose
Multiple purpose structures
Multiple use
Objectives

Multiple purpose projects 1302

BT -Projects
RT -Administration
Area redevelopment
-Economics
Employment opportunities
Fish and wildlife
Flood control
Hydroelectric power
-Irrigation
-Management
Multiple purpose structures
Multiple use
Municipal water
Navigation
Optimum development plans
-Planning
Project planning
Project purposes
-Recreation
Sediment control
-Water policy
-Water pollution
Water resources development
-Watersheds (basins)
Water supply
Water supply systems
-Weather modification

Multiple purpose reservoirs 1302.6

BT -Bodies of water
-Impoundments
-Reservoirs
-Standing waters
-Surface waters
RT Artificial use
Competing uses
Detention reservoirs
Fish and wildlife
Flood control
Hydroelectric power
-Irrigation
-Lakes
Multiple purpose structures
Multiple use
Municipal water
-Ponds
-Recreation
Reservoir capacity
Reservoir storage
Water consumption

Multiple purpose structures 1313.1

BT -Structures
RT -Dams
Flood control
Hydroelectric powerplants
-Intake structures
Multiple purpose
Multiple purpose projects
Multiple purpose reservoirs
Multiple use
Public works
-Pump turbines

Multiple regression 1201

BT -Mathematical studies
-Regression analysis
-Statistical analysis
RT Correlation
Correlation techniques
Least squares method
-Statistical models
Statistical quality control

Multiple use 1407

RT Dual purpose
Multiple purpose
Multiple purpose projects
Multiple purpose reservoirs
Multiple purpose structures

Multistage flash distillation 1302.5

BT -Distillation
-Flash distillation
-Separation techniques
RT Concentration
Condensers (liquefiers)
-Demineralization

-Desalination

-Evaporation
Flash evaporators
Purification
-Vaporization

Municipalities 0504

RT Cities
City planning
-Industries
Local governments
Municipal wastes
Public health
Repayment contracts
Storm drains
Treatment facilities
Urban areas
Urbanization
-Utilities
-Zoning

Municipal wastes 1302.1

UF Metropolitan wastes
BT -Wastes
RT Cities
-Disposal
Disposal wells
Domestic wastes
Garbage dumps
Municipalities
Municipal water
Oxidation lagoons
-Sewage
Sludge disposal
Soil disposal fields
Urban areas
-Waste disposal
Waste water treatment
Water pollution sources

Municipal water 1302.1

BT -Water
-Water types
RT Artificial use
Beneficial use
City planning
-Industrial plants
Multiple purpose projects
Multiple purpose reservoirs
Municipal wastes
-Prior appropriation
Project benefits
Reasonable use
Reimbursable costs
Repayment contracts
-Riparian rights
River basin development
Supplemental water
Urban areas
Water consumption
Water costs
-Water policy

Muskeg 0807

RT -Bogs
-Marshes
Muck
Organic clays
Organic silts
-Organic soils
Peat
-Swamps

Muskellunge

USE Pike

Muskmelon

USE Melons

Muskrats 0603.2

BT -Animals
-Furbearers
-Mammals
-Rodents
-Small animals (mammals)
-Wildlife
RT Burrows

Mussels 0603.2

BT -Animals
-Aquatic animals
-Aquatic life
-Benthic fauna
-Benthos
-Invertebrates
-Marine animals
-Mollusks
-Shellfish
RT Clams

Oysters

Mule swan 0603.2

UF Cygnus olor
BT -Animals
-Birds
-Non-game birds
-Swans
-Wildlife

Mycobacterium 0613

BT -Aerobic bacteria
-Bacteria
-Microorganisms
-Plants (botany)
RT Pathogenic bacteria

Myxobacteria 0613

BT -Aerobic bacteria
-Bacteria
-Microorganisms
-Plants (botany)
-Soil bacteria
-Soil microorganisms
RT -Aquatic bacteria
-Aquatic microorganisms
Marine bacteria
Pathogenic bacteria

N

Nails 1305

BT -Building materials
-Construction materials
-Fasteners
-Materials
-Mechanical fasteners
RT Dowels
-Hammers
-Joints (connections)
-Pins (mechanical)

Nannoplankton 0613

BT -Aquatic life
-Aquatic microorganisms
-Aquatic plants
-Microorganisms
-Plankton
-Plants (botany)
-Seston
NT Beggiaia
RT -Aquatic algae
-Aquatic bacteria
-Aquatic fungi
-Phytoplankton
-Zooplankton

Nansen bottles 1402

BT -Instrumentation
RT -Samplers
Water properties

Nappe 2004

RT Contraction
Ogee crests
Orifice flow
Overflow
Spillway crests
Sudden enlargements
Vena contracta
Weir crests
-Weirs

Napha 0703

BT -Bitumens
RT Fuels
-Hydrocarbons
-Solvents

National battlefields 0504

BT -Federal reservations
-Public land

National defense 1503

NT Civil defense
RT Airports
Army
Manpower
Military
Navy
-Warning systems

NATIONAL FORESTS

THESAURUS OF WATER RESOURCES TERMS

National forests 0206

- BT - Federal reservations
- Forests
- Public land
- RT - Conservation

National historic parks 0504

- BT - Federal reservations
- National parks
- Parks
- Public land

National historic sites 0504

- BT - Federal reservations
- Public land
- RT - Indian reservations
- Tourism

National income 0503

- BT - Income
- RT - Federal budgets
- Federal government
- Gross national product
- Manpower

National lakeshores 0504

- BT - Federal reservations
- Public land

National memorials 0504

- BT - Federal reservations
- Public land

National monuments 0504

- BT - Federal reservations
- Public land
- RT - Tourism

National parks 0504

- BT - Federal reservations
- Parks
- Public land
- NT - National historic parks
- RT - Conservation
- National wildlife refuges
- Recreation
- Recreation facilities
- Resource conservation
- Scenic highways
- Tourism

National recreation areas 0504

- BT - Federal reservations
- Public land

National seashores 0504

- BT - Federal reservations
- Public land
- Seashores
- Shores
- RT - Scenic highways

National wildlife refuges 0504

- RT - National parks

Natural drainage divides

- USE Watersheds (divides)

Natural flow 0808

- BT - Channel flow
- Flow
- Fluid flow
- Movement
- River flow
- Streamflow
- RT - Natural flow doctrine
- Regulated flow

Natural flow doctrine 0504.1

- BT - Legal aspects
- Riparian rights
- Water law
- Water rights
- RT - Adjudication procedure
- Alteration of flow
- Diversion
- Natural flow
- Obstruction to flow
- Reasonable use
- Relative rights

Natural frequency 2014

- BT - Frequency
- RT - Acoustics
- Damping
- Dynamic response
- Excitation
- Forced vibration
- Harmonics

- Impulses
- Nodes
- Oscillations
- Oscillators
- Pulsating flow
- Pulses
- Resonance
- Resonators
- Stability
- Standing waves
- Tuning forks
- Vibration
- Waves

Natural gas 2104

- BT - Gases
- RT - Coal gas
- Fossil fuels
- Fuels
- Gasoline
- Oil industry
- Oil reservoirs
- Oils
- Oil wells
- Petroleum
- Secondary recovery (oil)

Natural increase

- USE Productivity

Natural recharge 0808.1

- BT - Recharge
- RT - Aquifers
- Artificial recharge
- Groundwater recharge
- Infiltration
- Precipitation (atmospheric)
- Seepage
- Storage coefficient
- Surface-groundwater relationships
- Water table
- Zone of saturation

Natural resources 0503

- BT - Resources
- NT - Atmosphere
- Hydroelectric resources
- Land resources
- Petroleum
- Water resources
- RT - Conservation
- Economics
- Forests
- Grasslands
- Land
- Land use
- Parks
- Recreation
- Reforestation
- Resource conservation
- Scenery
- Soil algae
- Soils
- Water resources development
- Water supply
- Water utilization
- Wildlife

Natural streams 0808

- UF - Natural watercourses
- BT - Land forms
- Rivers
- Running waters
- Streams
- Surface waters
- Watercourses (legal)
- Waterways
- RT - Artificial watercourses

Natural use 0808

- BT - Water utilization
- RT - Domestic water
- Reasonable use
- Riparian rights
- Stock water

Natural watercourses

- USE Natural streams

Nature of water

- USE Water properties

Naval architecture 1310

- RT - Boats
- Hydrofoils
- Marine engineering
- Military aspects
- Navigation
- Propellers

- Ships
- Submarines

Navigable rivers 0808 1302

- UF - Great rivers
- BT - Channels
- Inland waterways
- Land forms
- Navigable waters
- Rivers
- Surface waters
- Waterways
- RT - Bodies of water
- Boundaries (property)
- Lock gates
- Navigation
- Navigation dams
- Ownership of beds
- River beds
- Running waters
- Streams

Navigable waters 0808 1302

- UF - Floatable streams
- Saw log test
- BT - Bodies of water
- NT - Harbors
- Inland waterways
- Navigable rivers
- RT - Lakes
- Lock gates
- Navigation
- Navigation dams
- Non-navigable waters
- Oceans
- Ownership of beds
- Streambeds
- Waterways

Navigation 1707

- RT - Admiralty
- Aircraft
- Airports
- Azimuth
- Bathymetry
- Bulkhead line
- Buoys
- Canals
- Charts
- Communication
- Direction finding
- Floesam
- Harbors
- Icebergs
- Ice jams
- Ice prevention
- Law of the sea
- Lighthouses
- Locks (waterways)
- Low-flow augmentation
- Maps
- Military aspects
- Multiple purpose projects
- Naval architecture
- Navigable rivers
- Navigable waters
- Navigation dams
- Ocean circulation
- Oceans
- Ports
- Position finding
- Radar
- Reaches (distance)
- Reservoir operation
- Riparian rights
- Routing
- Ships
- Shoaling
- Shoals
- Sonar
- Transportation
- Water policy

Navigation dams 1313.1

- BT - Dams
- Hydraulic structures
- NT - Concrete dams
- RT - Earth dams
- Locks (waterways)
- Navigable rivers
- Navigable waters
- Navigation

Navigation locks

- USE Locks (waterways)

Navy 1503

- RT - Airports
- Army

- Military
- National defense

Nebraska 0806

- BT - Corn belt
- Geographical regions
- States (geographical)
- RT - Reclamation states

Needle valves 1311

- UF - Jet valves
- BT - Hydraulic valves
- Valves
- RT - High pressure valves
- Hollow jet valves

Needs

- USE Requirements

Negative friction 1407

- BT - Friction
- Mechanical properties
- RT - Drag
- External friction
- Friction coefficient (hydraulic)
- Friction coefficient (mechanical)
- Friction piles
- Friction tests
- Internal friction
- Pile bearing capacities
- Pile extraction
- Pile friction
- Piles (foundations)
- Positive friction
- Skin friction
- Sliding resistance
- Surface properties

Negative pore pressure 0813

- BT - Negative pressure
- Pore pressure
- Pressure
- Subatmospheric pressure
- RT - Capillarity
- Capillary action
- Capillary conductivity
- Capillary pressure
- Cohesion
- Effective stress
- Hydrostatic pressure
- Pore air pressure
- Pores
- Pore water pressure
- Shear strength
- Soil mechanics
- Soil properties
- Soil shrinkage
- Soil suction
- Suction
- Surface tension
- Undrained shear tests
- Unsaturated soils

Negative pressure 1407

- BT - Pressure
- Vacuum
- NT - Negative pore pressure
- RT - Active pressure
- Atmospheric pressure
- Cavitation
- Cohesion
- Flow
- Hydrostatic pressure
- Low pressure
- Pore air pressure
- Pore pressure
- Pore water pressure
- Pressure distribution
- Soil suction
- Suction
- Surface tension
- Tensiometers
- Uplift pressure
- Vacuum pumps

Negligent inundation

- USE Floods

Negotiations 0501 0504.1

- UF - Renegotiations
- RT - Bids
- Change orders
- Claims (contracts)
- Construction management
- Contract administration
- Contracting
- Contracting officers
- Contracts
- Land acquisition

THESAURUS OF TERMS

Negotiations (Con.)

- Legal aspects
- Litigation
- Management
- Repayment contracts
- Treaties

Nekton 0613

- UF Free-swimming invertebrates
- BT -Animals
- Aquatic animals
- Aquatic life
- Seston
- RT Animal groupings
- Swimming
- Zooplankton

Nematobothrium texomensis

- USE Trematodes

Nematocides 0606

- BT -Anthelmintics (pesticides)
- Chemicals
- Pesticides
- Poisons
- RT Nematodes

Nematodes 0603.2

- BT -Animals
- Invertebrates
- RT -Aquatic animals
- Aquatic microorganisms
- Entomology
- Microbiology
- Nematocides
- Parasites
- Soil microbiology
- Soil microorganisms
- Soil sterilants
- Water pollution sources

Neon 0702

- BT -Chemical elements
- Gases
- Inert gases
- Nonmetals

Neritic 0810

- RT Continental shelf
- Littoral zone
- Oceans
- Tides

Nesting 0606

- RT Broods
- Hatching
- Nesting cover
- Nests

Nesting cover 0606

- BT -Vegetal cover
- RT Food and cover crops
- Habitats
- Nesting
- Shore-line cover
- Vegetation

Nests 0606

- RT Bird eggs
- Birds
- Burrows
- Clutch (biology)
- Eggs
- Hatching
- Nesting
- Sites

Net gain

- USE Net profit

Net income 0503

- BT -Income
- RT Gross income
- Net profit

Net profit 0503

- UF Net gain
- BT -Profit
- RT Gross profit
- Net income

Nets 1105

- UF Seines
- NT Fyke nets
- Gill nets
- Plankton nets
- Triangulation nets
- RT -Fishing
- Fishing gear
- Marking techniques

- Samplers
- Trapping
- Trawling

Nettles (sea)

- USE Sea nettles

Nettles (stinging)

- USE Stinging nettles

Network analysis 0903

- RT -Analog
- Circuits
- Electric current
- Electric potential
- Networks
- Switching circuits

Network design 1407

- BT -Design
- RT -Circuits
- Networks

Networks 1407

- NT Electric networks
- Resistance networks
- RT Climatic data
- Data collections
- Data processing
- Data transmission
- Design
- Forecasting
- Governments
- Hydrologic data
- Loops (electrical)
- Network analysis
- Network design
- Operations
- PERT
- Planning
- Protective relaying
- Regional analysis
- Remote sensing
- Stations
- Synoptic analysis

Neuroptera

- USE Lacewings

Neutralization 0701 0704

- BT -Chemical reactions
- RT Acidity
- Acids
- Activation energy
- Alkalinity
- Alkalis (bases)
- Buffers (chemistry)
- Inhibition
- Inhibitors
- Lime
- pH
- Retardants
- Retarding
- Salts
- Soil treatment
- Stabilization
- Waste treatment
- Water treatment

Neutral stress 2012

- BT -Stress
- RT Effective stress
- Pore air pressure
- Pore pressure
- Pore water pressure
- Shear strength
- Soil stability
- Soil strength
- Soil tests
- Total stress
- Water content

Neutron absorption 2008

- RT Absorbers
- Absorption
- Activation energy
- Irradiation
- Neutron activation analysis
- Nuclear moisture meters
- Nuclear probes
- Radiation shielding

Neutron activation analysis 1402

- BT -Analysis
- Analytical techniques
- Chemical analysis
- RT Neutron absorption
- Qualitative analysis
- Quantitative analysis

- Spectroscopy

Neutron counters 1804

- BT -Counters
- Equipment
- Instrumentation
- Measuring instruments
- Radiation measurement
- Radiation measuring equipment
- Test equipment
- RT -Electronic equipment
- Geiger counters
- Neutrons
- Nuclear meters
- Nuclear moisture meters
- Nuclear probes
- Radiation detectors
- Radiation measuring equipment
- Recording systems
- Scintillation counters

Neutron meters

- USE Nuclear meters

Neutrons 2008

- RT Atoms
- Beta particles
- Cosmic rays
- Neutron counters
- Nuclear energy
- Nuclear explosions
- Nuclear fission
- Nuclear probes
- Nuclei
- Protons
- Radiation effects
- Radioactive decay
- Radioactivity
- X-rays

Nevada 0806

- BT -Geographical regions
- States (geographical)
- RT Reclamation states

Nave

- USE Firm

New Hampshire 0806

- BT -Geographical regions
- States (geographical)

New Jersey 0806

- BT -Coastal plains
- Geographical regions
- States (geographical)

New Mexico 0806

- BT -Geographical regions
- States (geographical)
- RT Reclamation states

Newtonian flow 2004

- BT -Fluid flow
- RT Flow rates
- Fluids
- Incompressible flow
- Reynolds number
- Viscosity

Newts 0603.2

- BT -Amphibians
- Animals
- Aquatic animals
- Aquatic life
- Wildlife

New York 0806

- BT -Geographical regions
- States (geographical)

Niches 0606

- RT -Animal parasites
- Balance of nature
- Biological communities
- Carnivores
- Ecosystems
- Ecotypes
- Habitats
- Herbivores
- Omnivores
- Parasites
- Scavengers

Nickel 0702

- BT -Chemical elements
- Metals
- RT Magnetostriction
- Nickel alloys

NITROGEN COMPOUNDS

- Nickel compounds
- Passive metals

Nickel alloys 1106

- BT -Alloys
- Metals
- RT -Heat resistant alloys
- Nickel
- Nickel compounds
- Stainless steel
- Steel

Nickel compounds 0702 0703

- BT -Chemical compounds
- RT Nickel
- Nickel alloys

Nicotiana tabacum

- USE Tobacco

Niobium 0702

- UF Columbium
- BT -Chemical elements
- Metals
- Refractory metals
- RT Niobium alloys
- Niobium compounds
- Superconductors

Niobium alloys 1106

- BT -Alloys
- Heat resistant alloys
- Metals
- RT Niobium

Niobium compounds 0702 0703

- BT -Chemical compounds
- RT Niobium

Nitrates 0702

- BT -Chemical compounds
- Nitrogen compounds
- NT Nitroglycerin
- Sodium nitrates
- RT Chemical wastes
- Denitrification
- Fertilizers
- Leaching
- Nitrification
- Nitrites
- Water pollution sources
- Water quality

Nitrification 0703

- BT -Chemical reactions
- RT Ammonia
- Nitrates
- Nitrites
- Nitrogen cycle
- Nitrogen fixation
- Sewage stabilization
- Waste stabilization ponds

Nitrites 0703

- BT -Chemical compounds
- Inorganic compounds
- Nitrogen compounds
- RT -Chemicals
- Denitrification
- Nitrites
- Nitrification

Nitrogen 0702

- BT -Chemical elements
- Gases
- Nonmetals
- RT -Nitrogen compounds
- Nitrogen cycle
- Soil gases
- Waste stabilization ponds

Nitrogen compounds 0702 0703

- UF Nitrogenous compounds
- BT -Chemical compounds
- NT Amino acids
- Ammonia
- Ammonium salts
- Monuron
- Nitrates
- Nitrites
- Nitroglycerin
- Peptides
- Proteins
- Sodium nitrates
- Urea pesticides
- Ureas
- Urine
- RT -Chemicals
- Fertilizers

NITROGEN CYCLE

Nitrogen compounds (Con.)

Nitrogen
Nitrogen cycle

Nitrogen cycle 0601

BT -Cycles
RT Ammonification
Denitrification
Nitrification
Nitrogen
-Nitrogen compounds
Nitrogen fixation

Nitrogen fixation 0601

RT Azotobacter
Clostridium
Nitrification
Nitrogen cycle
-Nitrogen fixing bacteria

Nitrogen fixing bacteria 0613

BT -Bacteria
-Microorganisms
NT Azotobacter
Clostridium
RT -Aerobic bacteria
-Anaerobic bacteria
Marine bacteria
Methane bacteria
Nitrogen fixation
Photosynthetic bacteria
Rhizosphere
-Soil bacteria
-Soil microorganisms

Nitrogenous compounds USE Nitrogen compounds

Nitroglycerin 0703

BT -Chemical compounds
-Explosives
-Nitrates
-Nitrogen compounds
-Organic compounds
RT -Blasts
Charges (explosives)
Demolition
Detonation
Drugs

Noble fir trees 0603.1

UF Abies procera
BT -Coniferous trees
-Conifers
-Fir trees
-Gymnosperms
-Plants (botany)
-Trees

Nocturnal 1407

RT Biorhythms
Diurnal
Fluctuation
Seasonal
-Time

Nodes 1407

RT -Elastic waves
Finite element method
Harmonics
Natural frequency
Standing waves
-Vibration
Wavelength
-Waves

Noise (sound) 2001

BT -Mechanical waves
-Radiation
NT Cavitation noise
RT -Acoustics
-Interference
Noise reduction
Rock noise
Shock (physiology)
Sonar
Sound
-Sound waves
Waveforms
-Waves

Noise control

USE Noise reduction

Noise reduction 2001

UF Noise control
Noise suppression
RT Acoustic insulation
-Acoustics
-Noise (sound)

Vibration damping

Noise suppression

USE Noise reduction

Nomenclatures 0502

RT Acronyms
Dictionaries
-Languages
-Subject indexing
Symbols
Thesaurus
Vocabularies

Nomograms

USE Nomographs

Nomographs 1201

UF Nomograms
BT -Analysis
-Numerical analysis
RT Calculations
-Charts
Computation
-Diagrams
Graphical analysis
-Mathematical analysis

Noncircular conduits 1313.3

BT -Conduits
-Conveyance structures
-Hydraulic structures
NT Rectangular conduits
RT Aqueducts
Corrugated metal pipe
Culverts
Penstocks
-Pipelines
Sewers
Trapezoidal channels
Trapezoidal flumes
-Tunnels

Noncohesive soils

USE Cohesionless soils

Non-consumptive use 0203.1

BT -Water utilization
RT Beneficial use
Competing uses
Consumptive use (water)
Fish management
Preferences (water rights)
-Recreation
Stream pollution
-Waste disposal
Water consumption
-Water pollution
-Wildlife conservation

Nondestructive tests 1407

BT -Materials tests
-Tests
NT -Radiographic inspection
Sonic velocity tests
X-ray inspection
RT Acceptance tests
-Analytical techniques
Concrete tests
Destructive tests
-Detection
Fluoroscopes
Foreign tests
-Inspection
Laboratory tests
Penetration tests
Piezoelectricity
Pipe tests
-Quality control
-Radioactivity techniques
-Radiography
Sonoscopes
Static tests
Test results
Ultrasonics
Ultrasonic tests
-X-ray analysis

Non-equilibrium equation

USE This equation

Non-game birds 0603.2

BT -Animals
-Birds
-Wildlife
NT Gulls
Mute swan
Poultry
Song birds

-Swans
Trumpeter swan
Wading birds
-Water birds
Whisking swan
RT Animal groupings
Bird types
Game birds
-Migratory birds
Non-migratory birds
Nuisance birds
Shore birds

Nonlinear systems 1407

-Analog computers
-Analog
-Control equipment
Control systems
Hybrid computers
Linear systems

Nonmetals 0702

(nonmetallic elements)
BT -Chemical elements

NT Argon

Bromine
Carbon
Chlorine
-Halogens
Helium
Hydrogen
-Inert gases
Neon
Nitrogen
-Daygen
-Phosphorus
Selenium
Sulfur
PT -Calcareous rocks
-Metals
-Minerals

Non-migratory birds 0603.2

BT -Animals
-Birds
-Wildlife
RT Animal groupings
Bird types
Fish and wildlife
Game birds
-Migratory birds
Non-game birds
Nuisance birds
Shore birds
Song birds
-Water birds
-Waterfowl

Non-navigable waters 0806

BT -Bodies of water
RT -Navigable waters
-Rivers
-Running waters
-Streams

Non-Newtonian flow 2004

BT -Flow
-Fluid flow
-Movement
RT Rheology
-Shear
-Stress
Thixotropy

Non-parasitic diseases (plant)

0603.1
BT -Diseases
-Plant diseases
RT -Environmental effects

Non-perennial streams 0806

BT -Bodies of water
-Running waters
-Streams
-Waterways
NT Ephemeral streams
Intermittent streams
RT Perennial streams
Seasonal
-Streamflow

Non-reimbursable benefits 0503

BT -Benefits
RT Benefit sharing
Non-reimbursable costs

Non-reimbursable costs 0503 1401

BT -Costs

RT Cost sharing
Non-reimbursable benefits
Reimbursable costs

Non-riparian waters

USE Appropriation (water rights)

Nonsteady flow

USE Unsteady flow

Non-structural alternatives 1314

RT Flood control
Flood plain zoning
-Forecasting
Land use
-Legal aspects
-Planning
-Regulation
Sediment control
-Taxes
-Water management (applied)
-Water policy
Water pollution control
Water quality control
Water resources development
-Water rights
-Water utilization
-Zoning

Non-thermal springs

USE Cold springs

Non-uniform flow 2004

BT -Flow
-Fluid flow
-Movement
RT Aerodynamics
Flow around objects
Flow patterns
Transient flow
Transients
Turbulent flow
Uniform flow
-Unsteady flow

Normalizing 1201

RT Optimum design
-Quality control
-Statistical analysis

Normal strain 2012

BT -Strain
RT Axial strain
-Compression
-Deformation
-Expansion
Extensometers
-Loads (forces)
Normal stress
Shear strain
-Strain gages
Strain measurement
Strain meters
Strain rate
-Stress
Tangential strain

Normal stress 2012

BT -Stress
RT -Axial stress
Biaxial stress
Compressive stress
Mohr circle
Normal strain
-Pressure
Radial stress
Shear planes
Shear stress
-Strain
Stress analysis
-Stress circle
Stress distribution
Tensile stress
Total stress
Triaxial stress

North Carolina 0806

BT -Coastal plains
-Geographical regions
-States (geographical)

North Dakota 0806

BT -Geographical regions
-States (geographical)
RT Reclamation states

Northern pike

USE Pike

THESAURUS OF WATER RESOURCES TERMS

THESAURUS OF TERMS

Northern pine trees
USE White pine trees

Norway pine trees
USE Red pine trees

Notch effect 2012
BT—Mechanical properties
RT Brittleness
Ductility
Fatigue (materials)
Notch tests
Stress concentration

Notch tests 1402
BT—Materials tests
—Metal tests
—Tests
RT Fatigue tests
Impact tests
Notch effect

Notropis species
USE Shiners

Noturus species
USE Catfishes

Noxious plants
USE Poisonous plants

Nozzles 1307
RT Blowers
Contraction
Diffusers
Farm equipment
—Flow
Hoses
Hydraulic excavation
—Hydraulic structures
Injectors
—Intakes
Jet diffusion
Jets
—Orifices
—Outlets
—Pipes
Submerged orifices
Sudden enlargements
Turbine parts
—Turbines
Vents

Nuclear blasts
USE Nuclear explosions

Nuclear density meters 1402
BT—Instrumentation
—Measuring instruments
—Meters
—Test equipment
RT—Compaction
—Density
Field density
—Field tests
Gamma probes
Geophysical logging
In place density
—Moisture content
Nuclear moisture meters
—Nuclear probes
Soil density probes

Nuclear desalting 1302.5
BT—Demineralization
—Desalination
—Separation techniques
RT—Distillation
Electrodialysis
Nuclear engineering
—Osmosis
Potable water
Purification
—Saline water
Salinity
Sea water
—Vaporization
Water softening

Nuclear energy 2008
UF Atomic energy
BT—Energy
RT Electricity
Neutrons
Nuclear engineering
Nuclear explosions
Nuclear fission
—Nuclear meters
Nuclear physics

—Nuclear powerplants
Nuclear reactors
Radiation effects
Radioactive wastes
Radioactivity

Nuclear engineering 1809
BT—Engineering
RT Mechanical engineering
Nuclear desalting
Nuclear energy
Nuclear excavation
Nuclear explosions
Nuclear physics
—Nuclear powerplants
Nuclear reactors
Radioactive wastes
—Radiochemistry
—Thermodynamics

Nuclear excavation 1315
BT—Excavation
—Explosive excavation
RT—Blasting
—Blasts
—Canals
Cratering
Detonation
Dynamic loads
—Explosions
Explosive construction
Nuclear engineering
Nuclear explosions
Nuclear fission
Radioactivity
Rapid excavation
Rock breakage
Rock excavation
—Seismic waves
Shock (mechanics)
Underground explosions

Nuclear explosions 1803
UF Atomic blasts
Atomic explosions
Blasts (atomic)
Blasts (nuclear)
Nuclear blasts
BT—Blasts
—Explosions
RT—Blasting
Civil defense
—Construction
Cratering
Craters
Dynamic loads
—Excavation
Explosive construction
—Explosive excavation
Fallout
Neutrons
Nuclear energy
Nuclear engineering
Nuclear excavation
Nuclear fission
Nuclear physics
—Nuclear reactions
Nuclear safety
Overpressure
Radioactive contamination
Radioactive wastes
Rapid excavation
—Seismic waves
Shelters
Shock waves
Transients
Underground explosions
Underwater explosions

Nuclear fission 2008
BT—Nuclear reactions
RT Neutrons
Nuclear energy
Nuclear excavation
Nuclear explosions
Radiation hazards
Radioactive contamination
Radioactivity

Nuclear magnetic resonance 2008
RT—Analytical techniques
Magnetometers
Molecular structure
—Radiochemistry
Spectrum analysis

Nuclear meters 1804
UF Neutron meters

BT—Instrumentation
NT Nuclear moisture meters
RT Neutron counters
Nuclear energy
—Nuclear probes
Radioactivity
Soil density
Soil density probes
Soil moisture meters

Nuclear moisture meters 1402
BT—Measuring instruments
—Moisture meters
—Nuclear meters
—Test equipment
RT—Field tests
Gamma probes
Gamma rays
Geophysical logging
—Moisture content
Moisture sensors
Neutron absorption
Neutron counters
Nuclear density meters
—Nuclear probes
Radiation hazards
Soil investigations
—Soil moisture
Soil moisture meters
—Water content

Nuclear physics 2008
BT—Physics
RT Alpha particles
Atoms
Nuclear energy
Nuclear engineering
Nuclear explosions
—Nuclear reactions
Nuclear reactors
Quantum mechanics
—Radiation
Radioactivity
—Radiochemistry
—Radioisotopes
—Safety

Nuclear powerplants 1805
UF Atomic plants
BT—Electric powerplants
—Industrial plants
—Powerplants
NT Dual-purpose nuclear plants
RT—Buildings
—Desalination
Desalination plants
Electric power industry
—Electric power production
—Facilities
Nuclear energy
Nuclear engineering
Nuclear reactors
Powerhouses
Radioactive wastes
Thermal pollution
Thermal power
Thermal powerplants

Nuclear probes 1402
BT—Probes (instruments)
NT Gamma probes
RT Gamma rays
Geophysical logging
—Logging (recording)
Neutron absorption
Neutron counters
Neutrons
Nuclear density meters
—Nuclear meters
Nuclear moisture meters
Nuclear safety
—Well logging

Nuclear reactions 2008
UF Fission (nuclear)
NT Nuclear fission
Radioactive decay
RT Half life
Nuclear explosions
Nuclear physics
Radioactive contamination
—Radioisotopes

Nuclear reactors 1809
UF Reactors (nuclear)
RT Coolants
Desalination plants
—Electric powerplants
Nuclear energy

NUMERICAL ANALYSIS

Nuclear engineering
Nuclear physics
—Nuclear powerplants
Nuclear safety
Radiation shielding
Radioactive wastes

Nuclear safety 1312
BT—Safety
RT Nuclear explosions
—Nuclear probes
Nuclear reactors
Radiation hazards
Radiation shielding
Radioactive contamination
Radioactive wastes
—Shielding

Nuclear shielding
USE Shielding

Nuclear wastes
USE Radioactive wastes

Nucleation 1407
UF Rainfall nuclei
RT Chemistry of precipitation
Cloud seeding
—Condensation
Crystal growth
Crystallization
Crystallography
—Drops (fluids)
—Freezing
—Heat treatment
Ice formation
—Nuclei
Phase studies
Raindrops
Sublimation

Nuclei 0401
NT Alpha particles
RT Caviation
Cloud seeding
—Condensation
Crystal growth
Crystallization
Grain structure (metals)
—Heat treatment
Neutrons
Nucleation
Particles
Protons

Nuclei generators 0402.1
RT Cloud modification
Cloud physics
Cloud seeding
Silver iodide generators
—Weather modification

Nuisance (water law)
USE Water pollution

Nuisance algae 0603.1
BT—Algae
—Aquatic algae
—Aquatic life
—Aquatic plants
—Plants (botany)
RT—Aquatic weeds
Fouling

Nuisance birds 0603.2
BT—Animals
—Birds
—Wildlife
RT Animal groupings
Avicides
Bird types
—Migratory birds
—Non-game birds
—Non-migratory birds
—Pest control
—Repellents

Number fish per acre 0606
RT Biomass
—Fish
Fish farming
Fish harvest
Fish populations
Fish stocking
Pounds fish per acre

Numerical analysis 1201
UF Numerical method
BT—Analysis

NUTRIENT REQUIREMENTS

Numerical analysis (Con.)

- Mathematical studies
- NT Finite difference method
- Finite element method
- Gaussian distribution
- Monte Carlo method
- Nomographs
- RT Algorithms
- Approximation method
- Calculus
- Computer programming
- Computers
- Correlation
- Differential equations
- Equations
- Finite differences
- Least squares method
- Mathematical analysis
- Mathematical tables
- Procedures

Numerical method

USE Numerical analysis

Nutrient requirements 0616

- UF Mineral needs
- Nutrition
- RT Algal nutrients
- Animal physiology
- Carbohydrates
- Crop production
- Crop response
- Deficient elements
- Diets
- Disease resistance
- Energy
- Essential nutrients
- Fertilizers
- Fish diseases
- Fish food organisms
- Fish management
- Lodging
- Metabolism
- Nutrients
- Plant physiology
- Productivity
- Soil-water-plant relationships
- Vitamin B
- Vitamins

Nutrients 0616

- NT Algal nutrients
- Cycling nutrients
- Deficient elements
- Essential nutrients
- RT -Chemicals
- Diets
- Digestion
- Dystrophy
- Eutrophication
- Fertility
- Fertilizers
- Food habits
- Foods
- Leaching
- Nutrient requirements
- Oligotrophy
- Proteins
- Root distribution
- Root systems
- Soil analysis
- Tertiary treatment
- Waste assimilative capacity
- Water properties
- Water quality

Nutrition

USE Nutrient requirements

Nuts 0204

- BT -Crops
- Horticultural crops
- Plants (botany)
- NT Macadamia
- Pecans
- RT Orchards

Nylon 1109

- BT -Resins
- Synthetic resins
- Thermoplastic resins

Oak trees 0206 0603.1

- UF Quercus
- BT -Crops
- Deciduous trees
- Dicots
- Horticultural crops
- Plants (botany)
- Trees
- RT Chaparral

Oats 0204 0603.1

- UF Avena sativa
- BT -Agronomic crops
- Cereal crops
- Crops
- Field crops
- Grasses
- Monocots
- Plants (botany)
- RT Grains (crops)

Objectives 1407

- UF Goals
- RT Careers
- Exploration
- Management
- Motivation
- Multiple purpose
- Planning
- Projects
- Value

Observation wells 0808.1

- BT -Wells
- RT -Field permeability tests
- Gaging stations
- Groundwater
- Groundwater management
- Hydrographs
- Oil reservoirs
- Perched water table
- Phreatic water
- Piezometers
- Potentiometers
- Pumping tests (wells)
- Relief wells
- Water table
- Water wells
- Wellpoints

Obsolescence 1407

- NT Engineering obsolescence
- RT Depreciation
- Diversification
- Economic life
- Rehabilitation
- Renovating
- Salvage
- Service life
- Specialization

Obsolete equipment 1505

- BT -Equipment
- RT -Construction equipment
- Electrical equipment
- Maintenance
- Mechanical equipment
- Storage

Obstruction 1407

- RT Constrictions
- Retarding

Obstruction to flow 0808

- RT Alteration of flow
- Barriers
- Diversion
- Energy dissipation
- Friction
- Groundwater barriers
- Natural flow doctrine
- Piers
- Reasonable use
- Relative rights
- Riparian rights
- Streamflow
- Streamflow depletion

Occupations 0509

- RT Abilities
- Careers

- Crafts
- Employment
- Engineering
- Labor
- Labor mobility
- Labor supply
- Manpower
- Safety
- Salaries
- Social needs
- Specialization
- Training
- Work
- Working conditions

Ocean beaches 0803

- BT -Beaches
- Land forms
- RT Beach erosion
- Beach sands
- Breakwaters
- Littoral drift
- Littoral zone
- Oceanography
- Oceans
- Ocean waves
- Rip currents
- Sea walls
- Shore protection
- Surf
- Tidal effects
- Tidal waters
- Tides
- Tsunamis
- Wave action
- Wave run-up

Ocean bottom 0803

- UF Ocean floors
- Sea bottom
- Sea floors
- RT -Benthic fauna
- Benthic flora
- Benthos
- Continental shelf
- Marine clays
- Marine geology
- Oceanography
- Oceans
- Sediment sampling
- Underwater foundations

Ocean circulation 0803

- BT -Circulation
- Movement
- Water circulation
- RT -Hydrodynamics
- Meteorology
- Navigation
- Ocean currents
- Oceanography
- Oceans
- Ocean waves
- Tides
- Tsunamis

Ocean currents 0803

- UF Currents (sea)
- BT -Currents (water)
- NT Rip currents
- RT -Circulation
- Climate
- Coasts
- Hydrodynamics
- Littoral drift
- Littoral zone
- Ocean circulation
- Oceanography
- Oceans
- Ocean waves
- Thermal gradient
- Tidal effects
- Tidal hydraulics
- Tides
- Turbidity currents
- Water transportation

Ocean floors

USE Ocean bottom

Oceanography 0803 0810

- UF Oceanology
- RT Estuaries
- Geology
- Hydrography
- Marine engineering
- Marine geology
- Ocean beaches
- Ocean bottom

- Ocean circulation
- Ocean currents
- Oceans
- Ocean waves
- Thermal gradient
- Tides
- Tsunamis

Oceanology

USE Oceanography

Oceans 0806

- UF Seas
- BT -Bodies of water
- Land forms
- Surface waters
- RT Admiralty
- Aphotic zone
- Atolls
- Bays (topographic features)
- Coasts
- Continental shelf
- Continental slope
- Estuaries
- Fjords
- Geology
- Geomorphology
- Groundwater hydrology
- Hydrologic aspects
- Hydrologic cycle
- Icebergs
- Lagoons (landforms)
- Law of the sea
- Littoral zone
- Marine air masses
- Marine animals
- Marine clays
- Marine engineering
- Marine fisheries
- Marine geology
- Navigable waters
- Navigation
- Neritic
- Ocean beaches
- Ocean bottom
- Ocean circulation
- Ocean currents
- Oceanography
- Ocean waves
- Sea level
- Seashores
- Sea water
- Shores
- Stratification
- Tides
- Tropical cyclones
- Water
- Water sources
- Waterways

Ocean water

USE Sea water

Ocean waves 0803

- BT -Mechanical waves
- Waves
- Waves (water)
- NT Tsunamis
- RT Beach erosion
- Breakwaters
- Hydrodynamics
- Littoral drift
- Ocean beaches
- Ocean circulation
- Ocean currents
- Oceanography
- Oceans
- Sea walls
- Shore protection
- Surf
- Tides
- Wave action
- Wave energy
- Waveforms
- Wave generation
- Wave run-up

Ochromonas 0613

- BT -Algae
- Aquatic algae
- Aquatic life
- Aquatic microorganisms
- Aquatic plants
- Chrysophyta
- Microorganisms
- Plants (botany)
- Seston

THESAURUS OF TERMS

OPEN CHANNELS

Octadecanol 0703

- BT -Alcohols
- Chemical compounds
- Fatty alcohols
- Organic compounds
- RT Evaporation control
- Evaporation retardants
- Hexadecanol
- Monomolecular films

Odor 0616

- UF Aroma
- BT -Organoleptic properties
- RT Air pollution control
- Air pollution effects
- Attractants
- Biological properties
- Chemical properties
- Chlorination
- Forage palatability
- Odor-producing algae
- Organic soils
- Peal
- Repellents
- Retardants
- Soil classifications
- Taste
- Visual classifications
- Water pollution effects
- Water quality

Odor-producing algae 0603.2

- BT -Algae
- Aquatic algae
- Aquatic life
- Aquatic plants
- Plants (botany)
- RT Odor
- Water pollution sources
- Water quality

Office equipment 1505

- UF Typewriters
- BT -Equipment
- NT Calculators
- RT Reproduction (copying)

Offsets 0802

- RT -Plane surveying
- Surveying

Offshore platforms 1313.5

- BT -Engineering structures
- Hydraulic structures
- RT -Coastal structures
- Coasts
- Oil industry
- Shores

Ogee crests 1313.1

- BT -Hydraulic structures
- Spillways
- RT Hydraulic design
- Morning glory spillway
- Nappe
- Overflow
- Shaft spillways
- Ski-jump spillways
- Spillway crests
- Spillway piers
- Spillway profiles
- Weirs

Ohio 0806

- BT -Corn belt
- Geographical regions
- States (geographical)

Ohmmeters 1402

- BT -Instrumentation
- Measuring instruments
- Meters
- Test equipment
- RT Ammeters
- Galvanometers
- Voltmeters

Oil engines

- USE Internal combustion engines

Oil fields 0809

- RT Exploitation
- Oil industry
- Oil reservoirs
- Oils
- Petroleum
- Secondary recovery (oil)

Oil-filled cables 0901.1

- RT -Electric cables
- Electric power
- Insulating oil
- Transmission (electrical)

Oil industry 1308

- BT -Industries
- RT Exploitation
- Exploration
- Gasoline
- Injection
- International compacts
- International waters
- Natural gas
- Offshore platforms
- Oil fields
- Oils
- Oil wastes
- Petroleum

Oil reservoirs 0807

- UF Reservoirs (oil)
- RT -Flooding
- Geologic formations
- Injection
- Natural gas
- Observation wells
- Oil fields
- Oils
- Oil-water interfaces
- Oil wells
- Petroleum
- Secondary recovery (oil)
- Sedimentary rocks
- Subsurface drainage
- Underground storage

Oils 1108

- BT -Fluids
- NT Fuel oil
- Insulating oil
- Linseed oil
- Transformer oils
- RT -Bitumens
- Fuels
- Gasoline
- Greases
- Lipids
- Lubricants
- Lubrication
- Natural gas
- Oil fields
- Oil industry
- Oil reservoirs
- Oil shale
- Oil wastes
- Oil-water interfaces
- Oil wells
- Oily water
- Petroleum
- Solvents
- Submarine pipelines

Oilseed crops 0204

- BT -Agronomic crops
- Crops
- Dicots
- Field crops
- Horticultural crops
- Plants (botany)
- NT Peanuts
- Soybeans
- RT -Forage legumes
- Plant groupings

Oil shale 0807

- BT -Rocks
- Sedimentary rocks
- Shale
- RT -Bitumens
- Bituminous materials
- Fossil fuels
- Oils
- Petroleum

Oil wastes 0809

- BT -Wastes
- RT Chemical wastes
- Fuels
- Gasoline
- Industrial wastes
- Oil industry
- Oils
- Oily water
- Petroleum
- Water pollution sources

Oil-water interfaces 1407

- BT -Boundaries (surfaces)
- Interfaces
- RT -Groundwater
- Oil reservoirs
- Oils
- Oily water
- Surfaces
- Oil wells 0809
- BT -Wells
- RT Brine disposal
- Clogging
- Deep-well pumping
- Deep wells
- Depletion
- Drill holes
- Exploration
- Injection wells
- Land subsidence
- Natural gas
- Oil reservoirs
- Oils
- Petroleum
- Saline water-freshwater interfaces
- Secondary recovery (oil)
- Well logging

Oily water 1302.2

- RT Chemical wastes
- Fuels
- Oils
- Oil wastes
- Oil-water interfaces
- Organic wastes
- Water pollution sources
- Water pollution treatment

Oklahoma 0806

- BT -Geographical regions
- States (geographical)
- RT Reclamation states

Oldsquaw duck 0603.2

- UF Changula hyemalis
- BT -Animals
- Aquatic life
- Birds
- Ducks (wild)
- Migratory birds
- Waterfowl
- Wildlife

Oligochaetes 0603.2

- BT -Animals
- Annelids
- Aquatic animals
- Aquatic life
- Benthic fauna
- Benthos
- Invertebrates
- Worms
- NT Sludge worms
- Tubificids

Oligotrophy 0606

- RT Aging (biological)
- Dissolved oxygen
- Dystrophy
- Eutrophication
- Fish
- Limnology
- Nutrients
- Oxygen
- Population
- Productivity
- Surface waters
- Water properties
- Water quality

Olor buccinator

- USE Trumpeter swan

Olor columbianus

- USE Whistling swan

Omnivores 0603.2

- BT -Animals
- RT Food chains
- Niches
- Trophic level

Oncorhynchus gorbuscha

- USE Pink salmon

Oncorhynchus keta

- USE Chum salmon

Oncorhynchus kisutch

- USE Sockeye salmon

Oncorhynchus tshawytscha

- USE Chinook salmon

One-dimensional 1407

- RT Three-dimensional
- Two-dimensional

Onions 0204 0603.1

- UF Allium cepa
- BT -Crops
- Field crops
- Horticultural crops
- Monocots
- Plants (botany)
- Vegetable crops

On-site data collections

- USE Field data

On-site investigations

- USE Field investigations

On-site laboratories

- USE Field laboratories

On-site tests

- USE Field tests

Opacity 1407

- BT -Optical properties
- Physical properties
- RT Clarity
- Density
- Immiscibility
- Light intensity
- Refractivity
- Turbidity
- Visibility

Open channel flow 2004

- UF Hydraulics (river)
- River hydraulics
- BT -Channel flow
- Flow
- Fluid flow
- Movement
- RT Backwater profiles
- Bends (hydraulic)
- Canal design
- Channel design
- Converging flow
- Critical tractive force
- Drawdown curves
- Entrance channels
- Flow patterns
- Friction coefficient (hydraulic)
- Gravity irrigation
- Hydraulic gradient
- Hydraulic radius
- Irrigation design
- Kutter formula
- Laminar flow
- Mannings equation
- Open channels
- Permissible velocity
- Pipe flow
- Propeller meters
- River currents
- Roughness (hydraulic)
- Salt velocity method
- Streamflow
- Streamflow regulation
- Test canals
- Translatory waves
- Trapezoidal channels
- Trapezoidal flumes
- Turbulent flow
- Velocity distribution
- Velocity head
- Water stage recorders
- Water surface profiles

Open channels 0808

- BT -Channels
- Waterways
- NT -Canals
- Flumes
- Lined canals
- Unlined canals
- RT -Conduits
- Ditches
- Frazil ice
- Free surfaces
- Grassed waterways
- Gravity irrigation
- Hydraulic gradient

OPEN DRAINS

Open channels (Con.)

Hydraulic jump
-Hydraulics
Junctions
Open channel flow
Roughness (hydraulic)
Sewers
Test canals
Trapezoidal channels
Trapezoidal flumes

Open drains 0808.1 1302

BT -Drains
RT -Canals
Culverts
-Drainage
Drainage engineering
Drainage systems
Toe drains

Open pit mining 0809

BT -Mining
NT Quarrying
RT Coal mines
Mineral industry
-Mines
-Mine wastes
Mining engineering
-Pits
Quarries
Strip mines

Operating costs 1401

BT -Costs
RT Administrative costs
Capital costs
Construction costs
Direct costs
Electric power costs
Engineering costs
Equipment costs
Estimated costs
Fixed costs
Indirect costs
Irrigation operation & maintenance
Maintenance costs
-Operation and maintenance
Operation and maintenance costs
Overhead costs
Power operation & maintenance
-Taxes
Unit costs
Variable costs

Operating criteria 1407

BT -Criteria
RT Design criteria
-Operations
-Reservoir operation

Operation and maintenance 1407

UF Maintenance and operations
NT Irrigation operation & maintenance
Power operation & maintenance
RT -Costs
-Equipment
-Facilities
-Maintenance
Maintenance costs
Maintenance equipment
Maintenance personnel
-Management
Manuals
Operating costs
Operation and maintenance costs
-Operations
Repairing
-Reservoir operation

Operation and maintenance costs

1401
BT -Costs
RT Maintenance costs
Operating costs
-Operation and maintenance
Replacement costs

Operations 1407

NT Power system operations
-Reservoir operation
RT Automatic control
-Control
Fabrication
Industrial production
Irrigation operation & maintenance
-Maintenance
-Management

Manual control
Monitoring
-Networks
Operating criteria
-Operation and maintenance
Power operation & maintenance
-Regulation
Remote control
-Standards

Operations research 1202

NT Critical path method
Dynamic programming
Game theory
Linear programming
PERT
Queueing theory
RT Computer applications
-Constraints
-Economics
-Forecasting
Information theory
-Management
Management analysis
Management engineering
Management planning
-Mathematical analysis
-Mathematical models
-Mathematics
Monte Carlo method
Optimization
Phase studies
-Planning
Probability theory
-Quality control
Risks
Scheduling
Scientific method
Simulation
-Statistical models
Stochastic models
-Stochastic processes
Synthesis
Systems analysis
Systems engineering

Opossum shrimp 0603.2

BT -Animals
-Aquatic animals
-Aquatic life
-Commercial shellfish
-Crustaceans
-Invertebrates
-Shellfish
-Shrimp

Optical instruments 2006

UF Instruments (optical)
BT -Instrumentation
NT -Borehole cameras
-Cameras
Collimators
Drill hole TV cameras
Interferometers
Microscopes
Polariscopes
Sextants
Stereoscopes
Theodolites
RT Colorimetry
Interferometers
Laboratory equipment
Lenses (optical)
-Measuring instruments
Mirrors
-Optical measurement
Prisms
-Sensors
Spectrometers
Spectrometry
Surveying instruments

Optical lenses

USE Lenses (optical)

Optical measurement 1402

NT Colorimetry
Flame photometry
-Photometry
RT -Chemical analysis
Collimators
Emissivity
-Light
-Microscopy
-Optical instruments
-Optical properties
Polariscopes
Reflection
-Refraction

Spectrometers
Theodolites

Optical properties 2006

BT -Physical properties
-Properties
NT Isotropy
Opacity
Reflectivity
RT Anisotropy
-Diffraction
Emissivity
Flame photometry
Fluorometry
-Glass
Hypolimnion
Light intensity
Light quality
-Luminescence
-Microscopy
-Optical measurement
Optics
Orientation
Photoelasticity
Photoelectricity
Polarization
Refractivity
-Surface properties
Turbidity
Visibility

Optics 2006

BT -Physics
RT Distortion (optics)
Lenses (optical)
-Light
-Optical properties
Prisms
Reflection
-Refraction
-Spectroscopy

Optimization 1201

BT -Mathematical studies
RT Correlation
-Efficiencies
-Gradients
Least squares method
Linear programming
Management analysis
-Mathematics
-Operations research
Optimum crop yield
Optimum design
Optimum development plans
Optimum use
Peak values
-Planning
-Quality control
Ranges
-Reduction
Scheduling
-Water utilization

Optimum crop yield 0202

RT Crop production
-Crops
-Marketing
Optimization
Optimum use

Optimum design 1407

BT -Design
RT -Cost analysis
Design assumptions
Design criteria
Design practices
Design strength
-Efficiencies
Minimum weight design
Normalizing
Optimization
Optimum development plans
Optimum use
Ultimate strength design
Value engineering

Optimum development plans 050:

1314
RT Conjunctive use
Economic justification
Financial feasibility
Multiple purpose projects
Optimization
Optimum design
Optimum use
Project planning
River basin development
Water resources development

-Water utilization

Optimum moisture content 0813

UF Optimum water content
BT -Moisture content
RT Compaction tests
-Construction control
-Density
Index tests
Proctor curves
Rapid compaction control
Soil compaction
-Water content

Optimum use 1407

RT Optimization
Optimum crop yield
Optimum design
Optimum development plans
Power dispatching

Optimum water content

USE Optimum moisture content

Oranges 0204 0603.1

BT -Citrus fruits
-Crops
-Dicots
-Fruit crops
-Horticultural crops
-Plants (botany)
-Stone fruits
RT Orchards
-Trees

Orchardgrass 0603.1

UF Dactylis glomerata
BT -Agronomic crops
-Crops
-Field crops
-Forage grasses
-Forages
-Grasses
-Monocots
-Plants (botany)
RT Hay
Silage

Orchards 0204

BT -Crops
-Horticultural crops
-Plants (botany)
RT Apples
Crop production
Dates
-Dicots
-Farms
Frost protection
-Fruit crops
Grapefruit
Industrial crops
Lemons
Limes
Macadamia
-Monocots
-Nuts
Oranges
Peaches
Pecans
Plant groupings
-Trees

Oregon 0806

BT -Geographical regions
-States (geographical)
RT Reclamation states

Ores 0807 0809

RT Ball mills
-Beneficiation
-Geologic deposits
Metallurgy
-Metals
Mineral content
-Minerals
-Mines
-Mining
Rod mills

Organic acids 0703

BT -Acids
-Chemical compounds
-Chemicals
-Organic compounds
NT Amino acids
Fulvic acids

Organic clays 0807

BT -Clays

THESAURUS OF TERMS

Organic clays (Con.)

- Earth materials
- Finegrained soils
- Fines
- Materials
- Organic soils
- Soils
- Soil types
- RT Cohesive soils
- Humic acids
- Humus
- Lacustrine deposits
- Loams
- Muck
- Muskeg
- Organic matter
- Organic silts
- Peat
- Peat bog
- Topsoil

Organic compounds 0703

BT - Chemical compounds

- NT Acroleins
- Alcohols
- Aldehydes
- Aldrin
- Alkaloids
- Alkylbenzene sulfonates
- Amino acids
- Aromatic compounds
- Benzene
- Bitumens
- Bituminous materials
- Carbamate pesticides
- Carbohydrates
- Catechins
- Cellulose
- Chlorinated hydrocarbon pesticides
- Chlorophyll
- Chrome lignins
- Copolymers
- Creosote
- 2,4-D
- Dalapon
- DDT
- 2,6-Dichlorobenzene
- Dieldrin
- Endrin
- Ethers
- Ethylene glycol
- Fatty alcohols
- Fluorescein
- Fulvic acids
- Heptachlor
- Hexadecanol
- Hydrocarbons
- Lignins
- Linear alkylate sulfonates
- Lipids
- Metal organic pesticides
- Monuron
- Nitroglycerin
- Octadecanol
- Organic acids
- Organophosphorus compounds
- Peptides
- Phenols
- Propane
- Proteins
- Silicones
- Sulfonates
- 2,4,5-T
- Thiocarbamate pesticides
- Ureas
- Urine
- RT -Carbon compounds
- Inorganic compounds
- Organic matter
- Pesticides
- Waste stabilization ponds

Organic loading 1302.1

- RT Activated sludge
- Organic matter
- Trickling filters
- Waste treatment

Organic matter 0807

- NT -Coal
- Decomposing organic matter
- Humus
- Lignite
- Peat
- RT Biochemical oxygen demand
- Cover crops
- Fertilizers
- Humic acids
- Loams

- Muck
- Mulching
- Organic clays
- Organic compounds
- Organic loading
- Organic silts
- Organic soils
- Organic wastes
- Coagulation lagoons
- Peat bog
- Sediments
- Silty loams
- Soil amendments
- Soil components
- Solid wastes
- Stagnant water
- Topsoil
- Tripton
- Waste assimilative capacity
- Wastes
- Wetting properties

Organic pesticides 0606

BT - Chemicals

- Pesticides
- N Aldrin
- Aliphatic pesticides
- Aminotriazole
- Antibiotics (pesticides)
- Carbamate pesticides
- Chlorinated hydrocarbon pesticides
- 2,4-D
- Dalapon
- DDT
- Diazinon
- 2,6-Dichlorobenzene
- Dieldrin
- Diquat
- Endrin
- Halogenated pesticides
- Heptachlor
- Metal organic pesticides
- Monuron
- Organophosphorus pesticides
- Paraquat
- Phenolic pesticides
- Phosphothioate pesticides
- Pyrimine pesticides
- 2,4,5-T
- Thiocarbamate pesticides
- Triazine pesticides
- Triazole pesticides
- Uracil pesticides
- Urea pesticides
- RT Antimycin A

Organic productivity

USE Productivity

Organic silts 0807

- BT -Earth materials
- Finegrained soils
- Fines
- Materials
- Organic soils
- Silt
- Soils
- Soil types
- RT Humic acids
- Humus
- Loams
- Muck
- Muskeg
- Organic clays
- Organic matter
- Peat
- Peat bog
- Silty loams

Organic soils 0807

- BT -Earth materials
- Materials
- Soils
- Soil types
- NT Organic clays
- Organic silts
- RT Cohesive soils
- Humic acids
- Humus
- Lacustrine deposits
- Loams
- Muck
- Muskeg
- Odor
- Organic matter
- Peat
- Peat bog
- Topsoil

Organic wastes 1302.1

- BT -Wastes
- NT Wood wastes
- RT Chemical wastes
- Decomposing organic matter
- Domestic wastes
- Farm wastes
- Only water
- Organic matter
- Oxygen sag
- Pulp wastes
- Sewage
- Sludge
- Tripton
- Water pollution
- Water pollution sources

Organization charts 0501

- UF Charts (organization)
- RT -Charts
- RT Careers
- Management analysis
- Personnel
- Personnel management
- Professional advancement
- Responsibilities

Organizations 0501

- UF Associations
- NT Administrative agencies
- Cooperatives
- Federal agencies
- Institutions
- Labor unions
- Professional societies
- Scientific societies
- Technical societies
- Trade associations
- RT Civil service
- Colleges
- Conferences
- Federal government
- Governments
- Group dynamics
- Industries
- International law
- Interstate commissions
- Leadership
- Local governments
- Management
- Manufacturing
- Personnel
- Public utilities
- Schools (education)
- Sociology
- State governments
- Universities

Organizing 0501

- RT -Budgets
- Coordination
- Human engineering
- Industrial engineering
- Labor unions
- Management
- Methodology
- Personnel
- Planning
- Procedures
- Sequence

Organoleptic properties 1407

- NT Odor
- Taste
- RT Actinomycetes
- Biological properties
- Color
- Domestic water
- Foods
- Forage palatability
- Impaired water quality
- Repellents
- Water properties
- Water quality

Organophosphorus compounds 0606

- BT -Chemical compounds
- Organic compounds
- Phosphorus compounds
- NT Diazinon
- Organophosphorus pesticides
- Phosphothioate pesticides

Organophosphorus pesticides 0606

- BT -Chemical compounds
- Chemicals

O-RING SEALS

- Organic pesticides
- Organophosphorus compounds
- Pesticides
- Phosphorus compounds
- NT Diazinon
- Phosphothioate pesticides

Orientation 1407

- BT -Training
- RT Alignment
- Attitudes
- Azimuth
- Bearings
- Crystallography
- Direction finding
- Education
- Isotropy
- Locating
- Magnetic properties
- Maps
- Optical properties
- Personnel management
- Plane surveying
- Polarity
- Polarization
- Position finding
- Surveying
- Tiltmeters

Orifice flow 2004

- BT -Flow
- Fluid flow
- Movement
- RT -Critical flow
- Flow patterns
- Fluid friction
- Laminar flow
- Nappe
- Orifices
- Pipe flow
- Steady flow
- Subcritical flow
- Submerged orifices
- Sudden enlargement
- Supercritical flow
- Transient flow
- Turbulent flow
- Unsteady flow
- Vena contracta

Orifice meters 1402

- BT -Equipment
- Flowmeters
- Instrumentation
- Measuring instruments
- Meters
- Test equipment
- Velocity meters
- RT Flow measurement
- Orifices
- Pressure gages
- Pressure measuring instruments
- Rotating meters
- Streamflow regulation
- Stream gages
- Submerged orifices
- Venturi meters
- Water meters

Orifices 1409 2004

- NT Submerged orifices
- RT Apertures
- Coefficients
- Contraction
- Discharge measurement
- Division structures
- Flow
- Flow control
- Flow measurement
- Flowmeters
- Gates
- Hydraulic
- Intakes
- Jets
- Nozzles
- Orifice flow
- Orifice meters
- Outlets
- Pipes
- Porous tube piezometers
- Ports
- Tubes
- Velocity meters
- Water measurement

O-ring seals 1101

- BT -Seals (stoppers)
- RT Gaskets
- Rings

ORNAMENTALS

THESAURUS OF WATER RESOURCES TERMS

Ornamentals 0603.1

- BT —Crops
 - Horticultural crops
 - Plants (botany)
- NT Lilac
- RT Snapdragons
- Aesthetics
 - Field crops
 - Landscaping
 - Plant groupings
 - Shrubs
 - Specialty crops
 - Trees
 - Turf

Orographic clouds 0402

- BT —Clouds
- RT Cloud physics
 - Meteorology
 - Mountains

Orographic precipitation 0402

- BT —Groundwater sources
 - Precipitation (atmospheric)
- RT —Meteorology
 - Mountains
 - Rain
 - Snow

Orography 0806

- RT Alpine
 - Chinook
 - Climatology
 - Geomorphology
 - Land forms
 - Meteorology
 - Microenvironment
 - Mountains
 - Topography

Oryza sativa

- USE Rice

Oscillations 2011

- RT Amplitude
 - Fluctuation
 - Frequency
 - Frequency shifts
 - Low frequency
 - Motion
 - Natural frequency
 - Oscillators
 - Oscillographs
 - Oscilloscopes
 - Pendulums
 - Resonance
 - Vibration
 - Waveforms

Oscillators 0901

- BT —Electronic equipment
 - Equipment
 - Generators
- RT Alternating current
 - Frequency
 - Frequency converters
 - Frequency stabilizers
 - Natural frequency
 - Oscillations
 - Piezoelectricity
 - Resonators
 - Semiconductors
 - Signal generators
 - Vibration
 - Vibration damping
 - Vibrators (mechanical)

Oscillographs 1402

- BT —Electronic equipment
 - Equipment
 - Instrumentation
 - Measuring instruments
 - Test equipment
- RT Oscillations
 - Oscilloscopes
 - Recording systems

Oscilloscopes 1402

- BT —Electronic equipment
 - Equipment
 - Instrumentation
 - Measuring instruments
 - Test equipment
- RT Oscillations
 - Oscillographs

Osmosis 0704

- BT —Chemical properties
 - Diffusion

—Membrane processes

- Separation
- Transport phenomena
- NT Electroosmosis
 - Reverse osmosis
- RT —Absorption
 - Dialysis
 - Diaphragms (mechanics)
 - Extraction
 - Filtration
 - Mass transfer
 - Membranes
 - Nuclear desalting
 - Osmotic pressure
 - Semipermeable membranes
 - Soil physics

Osmotic pressure 0704

- BT —Pressure
- RT Circulation (plants)
 - Electroosmosis
 - Expansive forces
 - Moisture stress
 - Osmosis
 - Plant physiology
 - Reverse osmosis
 - Soil chemistry
 - Soil moisture
 - Soil physics
 - Swelling pressure
 - Translocation
 - Turgidity
 - Wilting

Otters 0603.2

- BT —Animals
 - Mammals
 - Wildlife

Outage (power)

- USE Electric power failure

Outcrops 0807

- RT Bedrock
 - Geologic formations
 - Geology
 - In situ rock
 - Rocks
 - Stratigraphy

Outdoor recreation

- USE Recreation

Outdoors 1407

- RT Pumping plants
 - Pumps
 - Recreation

Outflows 0808.1

- RT —Groundwater
 - Groundwater flow
 - Hydrologic budget
 - Hydrologic equation
 - Outlets
 - Pore water pressure
 - Seepage
 - Soil water
 - Soil water movement
 - Soil-water relationship
 - Water budget

Outlets 1407

- NT Multilevel outlets
- RT —Discharge (water)
 - Drainage systems
 - Ducts
 - Headwalls
 - Headworks
 - Intakes
 - Intake transitions
 - Manholes
 - Nozzles
 - Orifices
 - Outflows
 - Outlet works
 - Ports
 - Sewers
 - Side channel spillways
 - Siphons
 - Ski-jump spillways
 - Sluices
 - Spillway piers
 - Spillways
 - Sudden enlargements
 - Transitions (structures)
 - Vents

Outlet works 1313.1

- BT —Hydraulic structures

—Structures

- NT Multilevel outlets
- RT Approach channels
 - Bellmouths
 - Butterfly valves
 - Chute blocks
 - Coaster gates
 - Concrete structures
 - Conduits
 - Control structures
 - Conveyance structures
 - Culverts
 - Dam construction
 - Dam design
 - Dams
 - Dentated sills
 - Discharge lines
 - Drains
 - Earth dams
 - Emergency closures
 - Flashboards
 - Flip buckets
 - Fluid flow
 - Freeboard
 - Guide walls
 - Headwalls
 - Headworks
 - High pressure gates
 - High pressure valves
 - Hydraulic gates
 - Hydraulic valves
 - Intake gates
 - Intakes
 - Intake structures
 - Intake towers
 - Large structures
 - Manifolds
 - Manifolds
 - Outlets
 - Pipes
 - Pressure conduits
 - Radial gates
 - Selective level releases
 - Shall spillways
 - Slide gates
 - Sluices
 - Spillways
 - Stilling basins
 - Training walls
 - Trashracks
 - Tunnels
 - Water control
 - Water tunnels (conveyance)

Ovens 1301

- RT Dryers
 - Furnaces
 - Heaters
 - Heating plants
 - Kilns
 - Laboratory equipment

Overbreak 1315

- RT —Blasting
 - Charges (explosives)
 - Excavation
 - Explosive excavation
 - Foundations
 - Overexcavation
 - Rock breakage
 - Rock excavation
 - Rock foundations
 - Tunnel construction
 - Tunneling
 - Unlined tunnels

Overburden 0813

- RT Bedrock
 - Earth materials
 - Geologic formations
 - Mining engineering
 - Rocks
 - Soils
 - Stripping
 - Underconsolidation

Overconsolidation 0813

- BT —Consolidation
- RT —Foundations
 - Preconsolidated soils
 - Preconsolidation
 - Rebound
 - Soils
 - Underconsolidation

Overdraft 0808.1

- RT —Depletion
 - Drawdown
 - Groundwater
 - Groundwater depletion

Groundwater mining

- Prescriptive rights
- Pumping
- Recharge
 - Water resources development
 - Water supply
 - Water utilization
 - Withdrawal

Overexcavation 1315

- BT —Excavation
- RT Backfills
 - Cuts
 - Cut slopes
 - Earthmoving
 - Earthworks
 - Foundations
 - Overbreak
 - Pipe laying
 - Rock excavation
 - Rock foundations
 - Tunnel construction

Overfalls 1313.1

- BT —Hydraulic structures
- RT —Concrete structures
 - Dams
 - Drawdown curves
 - Engineering structures
 - Overflow
 - Spillway crests
 - Spillways
 - Weirs

Overflow 0808

- RT Bore (wave)
 - Closed conduit spillways
 - Dams
 - Diversion dams
 - Drains
 - Flood damage
 - Flooding
 - Flood plain zoning
 - Floods
 - Floodwater
 - Freeboard
 - Headworks
 - Hydrologic equation
 - Levees
 - Manholes
 - Morning glory spillway
 - Nappe
 - Ogee crests
 - Overfalls
 - Overtopping
 - Sewers
 - Shall spillways
 - Side channel spillways
 - Ski-jump spillways
 - Skimming
 - Spilling
 - Spillway capacity
 - Spillway crests
 - Spillway design flood
 - Spillway piers
 - Spillway profiles
 - Spillways
 - Surplus water
 - Wasteways
 - Water levels
 - Weir crests
 - Weirs

Overhaul 1315

(excludes maintenance and repair) المصير

- RT —Borrow areas
 - Borrow materials
 - Borrow pits
 - Canal construction
 - Earthmoving
 - Earthworks
 - Embankments
 - Excavation
 - Fills
 - Hauling
 - Road construction

Overhead costs 1401

- BT —Costs
- RT Construction costs
 - Cost allocation
 - Cost analysis
 - Cost comparisons
 - Cost transfer
 - Direct costs
 - Electric power costs
 - Fixed costs
 - Indirect costs
 - Induced costs

THESAURUS OF TERMS

Overhead costs (Con.)

Labor costs
Operating costs
Variable costs

Overhead cranes 1309

BT—Construction equipment
—Cranes (hoists)
—Materials handling equipment
RT—Handling equipment
—Hoisting machinery
—Traveling cranes

Overhead ground wire 0901.1

RT—Electrical grounding
—Electric wire
—Lightning
—Protection (electrical)
—Shielding
—Transmission (electrical)
—Transmission lines

Overland flow 0808

BT—Flow
—Fluid flow
—Movement
—Runoff
—Unsteady flow
RT—Discharge (water)
—Floods
—Flow patterns
—Hydrologic equation
—Rainfall-runoff relationships
—Rain water
—Sheet erosion
—Sheet flow
—Slopes
—Small watersheds
—Snowmelt
—Storm runoff
—Surface runoff
—Time of concentration
—Transients
—Watersheds (basins)

Overloads 0903

RT—Circuit breakers
—Electric current
—Electric fuses
—Electric power
—Interrupters
—Interrupter switches

Overlying proprietor 0504.1

RT—Groundwater
—Water rights

Overpressure 1904

BT—Pressure
RT—Blasts
—Explosions
—Nuclear explosions

Overstocked

USE Stocking

Overstory

USE Canopy

Overtopping 1407

RT—Banks
—Dam breaches
—Dam failure
—Dams
—Flood damage
—Flood plain zoning
—Floods
—Overflow
—Spillway crests
—Spillways
—Water levels
—Wave run-up
—Weirs

Overturns

USE Turnovers

Overvoltage 2003

RT—Circuit protection
—Electric potential
—Polarization
—Protection (electrical)
—Protective relaying
—Surges
—Switching surges

Overwintering sites 0606

BT—Environments
—Habitats
—Sites

RT—Migration patterns
—Migratory birds

Ovicides 0616

BT—Chemicals
—Pesticides
—Poisons
RT—Gametocides
—Insect control
—Sterilants

Oviposition 0616

RT—Insect behavior
—Insect eggs
—Sites

Ownership (land)

USE Land ownership

Ownership of beds 0504.1

RT—Beds
—Beds under water
—Boundaries (property)
—High water mark
—Low water mark
—Navigable rivers
—Navigable waters
—Riparian rights
—Seashores
—Streambeds

Oxidation 0702 0703

BT—Chemical properties
—Chemical reactions
RT—Burning
—Chemical degradation
—Combustion
—Corrosion
—Decomposition
—Degradation
—Degradation (decomposition)
—Electrolysis
—Incineration
—Iron oxides
—Oxidation lagoons
—Oxidation-reduction potential
—Oxides
—Oxidizers
—Oxygen demand
—Reduction (chemical)
—Rusting
—Waste stabilization ponds

Oxidation lagoons 1302.1

UF—Oxidation ponds
—Stabilization ponds
BT—Bodies of water
—Lagoons (ponds)
—Ponds
RT—Aerobic bacteria
—Biodegradation
—Industrial wastes
—Municipal wastes
—Organic matter
—Oxidation
—Settling basins
—Sewage lagoons
—Sewage treatment
—Sludge
—Sludge digestion
—Sludge treatment
—Soil disposal fields
—Stabilization
—Tertiary treatment
—Waste water treatment

Oxidation ponds

USE Oxidation lagoons

Oxidation-reduction potential

0702
UF—EH
—Redox potential
BT—Chemical properties
RT—Chemical potential
—Chemical reactions
—Oxidation
—Oxidizers
—Reduction (chemical)
—Water properties

Oxides 0702

BT—Chemical compounds
—Inorganic compounds
NT—Carbon dioxide
—Carbon monoxide
—Iron oxides
—Silica
RT—Oxidation

Passive metals
—Water

Oxidizers 0704 1107

BT—Chemicals
RT—Bromine
—Fluorine
—Oxidation
—Oxidation-reduction potential
—Oxygen
—Ozone
—Reducing agents
—Reduction (chemical)

Oxygen 0702

BT—Chemical elements
—Gases
—Nonmetals
NT—Photosynthetic oxygen
RT—Aeration
—Aerobic conditions
—Biochemical oxygen demand
—Chemical oxygen demand
—Dissolved oxygen
—Dissolved oxygen analyzers
—Dystrophy
—Eutrophication
—Oligotrophy
—Oxidizers
—Oxygenation
—Oxygen content
—Oxygen requirements
—Oxygen sag
—Ozone
—Soil gases
—Waste assimilative capacity
—Water properties

Oxygenation 0704

RT—Absorption
—Aeration
—Air entrainment
—Dissolved oxygen
—Oxygen
—Oxygen content
—Oxygen demand
—Reaeration
—Solubility
—Treatment
—Water purification
—Water treatment
—Water treatment plants

Oxygen content 0704

RT—Chemical analysis
—Dissolved oxygen
—Oxygen
—Oxygenation
—Water analysis
—Water quality

Oxygen demand 0616

NT—Biochemical oxygen demand
—Chemical oxygen demand
RT—Aerobic treatment
—Limnology
—Oxidation
—Oxygenation
—Oxygen requirements
—Photosynthesis
—Productivity
—Respiration
—Water quality

Oxygen requirements 0616

RT—Aeration
—Animal physiology
—Eutrophication
—Oxygen
—Oxygen demand
—Respiration
—Specifications

Oxygen sag 0606

RT—Aeration
—Anaerobic conditions
—Biochemical oxygen demand
—Dissolved oxygen
—Eutrophication
—Fish physiology
—Organic wastes
—Oxygen
—Reaeration
—Waste assimilative capacity
—Water pollution effects

Oxyura jamaicensis

USE Ruddy duck

PAINTS

Oysters 0603.2

BT—Animals
—Aquatic animals
—Aquatic life
—Benthic fauna
—Benthos
—Commercial shellfish
—Invertebrates
—Marine animals
—Mollusks
—Shellfish
RT—Clams
—Mussels

Ozone 0702

BT—Gases
RT—Atmosphere
—Oxidizers
—Oxygen

Pacific silver fir trees 0603.1

UF—Abies amabilis
BT—Coniferous trees
—Conifers
—Fir trees
—Gymnosperms
—Plants (botany)
—Trees

Packers (grouting) 1303

BT—Construction equipment
—Equipment
RT—Grouting
—Grouting pressure
—Grout stops
—Seals (stoppers)

Packing (wall)

USE Well filters

Pad footings 1313.6

BT—Footings
—Foundations
RT—Columns
—Piers
—Stabs
—Supports
—Transmission towers

Painting 1308

BT—Coatings
RT—Anodic protection
—Anodizing
—Blistering
—Brushes
—Finishing
—Lacquers
—Paints
—Preventive maintenance
—Primers (coatings)
—Rollers
—Sealing compounds
—Spraying
—Stains
—Surface preparation
—Surfacing
—Varnishes

Paints 1103

BT—Building materials
—Coatings
—Construction materials
—Finishes
—Materials
NT—Coal-tar epoxy paints
—Enamels
RT—Antifouling materials
—Chalking
—Coal tar coating
—Dipping
—Inhibitors
—Lacquers
—Linseed oil
—Metal coatings
—Mixtures
—Painting
—Pigments
—Plastic coatings
—Primers (coatings)

P

PALEOCLIMATOLOGY

Paints (Con.)

- Protective coatings
- Sealants
- Spraying
- Thixotropy
- Varnishes
- Vinyl-resin coatings
- Wood preservatives

Palatability

- USE Forage palatability

Paleoclimatology 0807

- BT -Climatology
- RT Archaeology
- Dendrochronology
- Glacial geology
- History
- Hydrogeology
- Paleontology
- Stratigraphy

Paleohydrology 0808

- BT -Hydrology
- RT Fossils
- History
- Hydrologic aspects
- Paleolimnology
- Paleontology
- Quaternary period

Paleolimnology 0808

- BT -Hydrologic aspects
- Limnology
- RT Fossils
- History
- Paleohydrology
- Paleontology
- Quaternary period

Paleontology 0807

- RT Archaeology
- Dating
- Fossils
- Geology
- History
- Paleoclimatology
- Paleohydrology
- Paleolimnology
- Palynology
- Sedimentology
- Stratigraphy
- Zoology

Paleosols 0807

- BT -Soil types
- RT -Glacial deposits
- Glacial geology
- Glacial soils
- History
- Pleistocene epoch

Paleozoic era 0807

- BT -Geologic time
- RT -History

Pallets

- USE Handling equipment

Palynology 0807

- UF Fossil pollen
- RT -Geology
- History
- Paleontology
- Pollen
- Quaternary period
- Sediments
- Spores

Pampas

- USE Grasslands

Pandallus borealis

- USE Pink shrimp

Panels 1303

- RT Acoustic insulation
- Electric terminals
- Shielding
- Walls

Pan evaporation 0808 1402

- BT -Evaporation
- RT Evaporation coefficient
- Evaporation pans
- Reservoir evaporation
- Wind speed

Pan fish 06032

- BT -Animals

- Aquatic animals
- Aquatic life
- Fish
- Wildlife

NT

- Bass
- Brook trout
- Brown trout
- Bullheads
- Catfishes
- Channel catfish
- Cutthroat trout
- Lake trout
- Madloms
- Rainbow trout
- Roanoke bass
- Rock bass
- Sunfishes
- Trout
- RT Bait fishing
- Fish types
- Fly fishing
- Freshwater fish
- Sport fish
- Warm-water fish

Panicum virgatum

- USE Switchgrass

Panning 0809

- UF Washing (panning)
- BT -Mining
- Separation techniques
- RT Cleaning
- Gold
- Hydraulic mining
- Mines
- Placer mining

Paper 1112

- RT Fiberboards
- Fibers
- Labels
- Laminates
- Pipe wrappings
- Pulp and paper industry
- Sheets

Paper industry

- USE Pulp and paper industry

Paper pulp wastes

- USE Pulp wastes

Parametric hydrology 0808

- BT -Hydrologic aspects
- Hydrology

Paraquat 0606

- BT -Chemical compounds
- Chemicals
- Herbicides
- Organic pesticides
- Pesticides
- Sulfur compounds

Parasites 0603

- NT -Animal parasites
- Bacteria
- Fish parasites
- Fungi
- Trematodes
- RT Animal pathology
- Epizootiology
- Hosts
- Nematodes
- Niches
- Protozoa
- Worms
- Zoonoses

Parasitism 0605

- BT -Pathology
- RT Biocontrol
- Diseases
- Ecology
- Toxicity

Parental care 0511

- RT Broods
- Social behavior

Parity prices 0202

- BT -Prices
- RT Adjusted prices
- Farm prices
- Government finance
- Government supports
- Parity ratios
- Water rates

Parity ratios 0202

- RT Parity prices
- Pricing
- Water rates

Parking areas 1302

- RT Airports
- Aprons
- Automobiles
- City planning
- Garages
- Pavements
- Paving
- Surfacing
- Vehicles

Parks 0511

- NT National historic parks
- National parks
- RT Aesthetics
- Camping
- Conservation
- Forests
- Landscaping
- Land use
- Lawns
- Natural resources
- Playgrounds
- Public land
- Public works
- Recreation
- Recreation facilities
- Resource conservation
- Scenery
- Scenic highways

Parshall flumes 1313.1

- BT -Flumes
- Venturi flumes
- RT Flow measurement
- Water measurement

Participating funds 0503

- RT Capital
- Finance
- Financing
- Investment

Particle distribution 1407

- RT Particles
- Particle shape
- Sampling

Particles 1407

- RT Aerosols
- Air pollution
- Colloids
- Drops (fluids)
- Dust
- Fines
- Fly ash
- Fog
- Granular materials
- Grit
- Mist
- Nuclei
- Particle distribution
- Particle shape
- Particle size
- Pollen
- Powders
- Smog
- Smoke

Particle shape 1407

- BT -Shape
- RT -Filters
- Geometric shapes
- Gradation analysis
- Grain shapes
- Grain sizes
- Grain structure (metals)
- Granular materials
- Granules
- Particle distribution
- Particles
- Particle size
- Sediments
- Settling velocity

Particle size 1407

- BT -Size
- RT Aggregates
- Boulders
- Clays
- Cobbles
- Drops (fluids)
- Dust
- Filters

THESAURUS OF WATER RESOURCES TERMS

-Fines

- Gradation
- Gradation analysis
- Grain sizes
- Grain structure (metals)
- Granules
- Gravels
- Particles
- Particle shape
- Sands
- Sediments
- Settling velocity
- Sieve analysis
- Sills
- Soil physical properties
- Soil properties
- Specific surface
- Stokes law
- Suspended load
- Suspended sediments
- Suspended solids
- Uniformity coefficient

Paspalum dilatatum

- USE Dallisgrass

Paspalum notatum

- USE Bahiagrass

Passive metals 1106

- RT Aluminum
- Chemical stability
- Corrosion resistance
- Nickel
- Oxides
- Tin

Passive pressure 0813

- BT -Earth pressure
- Pressure
- RT Active pressure
- At rest pressure
- Horizontal loads
- Lateral forces
- Pressure distribution
- Rankine pressure
- Retaining walls
- Stress distribution
- Surcharge

Pasture 0205

- BT -Biomes
- Grasslands
- Regions
- RT Carrying capacity
- Farms
- Feeds
- Forage grasses
- Forages
- Land
- Legumes
- Pasture management
- Ranges

Pasture management 0205

- UF Meadow management
- BT -Management
- RT Carrying capacity
- Competition
- Conservation
- Crop response
- Cutting management
- Dairy industry
- Grazing
- Grazing land
- Irrigation practices
- Pasture
- Planting management
- Range management
- Resource conservation
- Seeding
- Soil management
- Vegetation regrowth

Patents 0502

- RT Competition
- Inventions
- Leases
- Legal aspects
- Licenses
- Litigation
- Proprietary power
- Regulations
- Royalties

Path of pollutants 1302.2

- RT -Air pollution
- Analytical techniques
- Drainage

THESAURUS OF TERMS

PEGMATITES

Path of pollutants (Con.)

- Dye releases
- Indicators
- Leaching
- Movement
- Percolation
- Pesticide kinetics
- Pollutants
- Soil contamination
- Stream pollution
- Thermal pollution
- Tracers
- Tracking techniques
- Transfer
- Translocation
- Water pollution

Pathogenic bacteria 0613

- BT -Bacteria
- Microorganisms
- Plants (botany)
- RT Actinomycetes
- Aquatic microorganisms
- Coliforms
- E. coli
- Enteric bacteria
- Mycobacterium
- Mycobacteria
- Pseudomonas
- Salmonella
- Sewage bacteria
- Shigella
- Streptococcus

Pathogenic fungi 0603.1

- BT -Fungi
- Microorganisms
- Plants (botany)
- RT -Animal diseases
- Aquatic fungi
- Fish diseases
- Plant diseases
- Verticillium

Pathology 0605

- NT -Animal pathology
- Epiphytology
- Human pathology
- Parasitism
- Plant pathology
- RT -Biology
- Hosts
- Human diseases
- Toxicity
- Vectors (biology)

Pavements 1302.4

- NT -Concrete pavements
- Flexible pavements
- Rigid pavements
- RT -Airports
- Aprons
- Asphalt cement
- Asphalts
- Base courses
- Bituminous cements
- Bituminous concretes
- Bridge decks
- Catalytically blown asphalt
- Coatings
- Concrete finishing
- Concretes
- Highway engineering
- Highways
- Parking areas
- Paving
- Road construction
- Road design
- Roads
- Runways
- Seal coat
- Slabs
- Soil cement
- Streets
- Subbase
- Subgrade
- Surfacing
- Trafficability
- Transverse joints

Paving 1302.4

- RT -Airports
- Aprons
- Armoring (streambed)
- Asphalt plants
- Asphalts
- Binders
- Bituminous cements
- Bituminous concretes
- Bricks

- Catalytically blown asphalt
- Coatings
- Concrete pavements
- Concrete placing
- Construction
- Cutback asphalts
- Drainage
- Highway engineering
- Highway relocation
- Highways
- Parking areas
- Pavements
- Roadbanks
- Road construction
- Roads
- Runways
- Soil cement
- Surface preparation
- Surfacing
- Water harvesting

Payment 0501 0503

- NT -Cost repayment
- RT -Compensation
- Costs
- Credit
- Earnings
- Engineering costs
- Fringe benefits
- Incentives
- Insurance
- Insurance costs
- Interest (finance)
- Inventions
- Labor costs
- Prices
- Rates
- Royalties
- Salaries
- Taxes
- Wages

Peaches 0204 0603.1

- UF -Prunus persica
- BT -Crops
- Dicots
- Fruit crops
- Horticultural crops
- Plants (botany)
- Stone fruits
- RT -Orchards
- Trees

Pea gravel 1303

- BT -Earth materials
- Granular materials
- Gravels
- Materials
- Soils
- Soil types
- RT -Aggregates
- Bedding materials
- Coarse aggregates
- Sand

Peak discharge 0808

- BT -Discharge (water)
- RT -Design flood
- Flood peaks
- Flood hydrographs
- Flood peaks
- Floods
- Flood waves
- Frequency curves
- Maximum probable flood
- Peak floods
- Rational formula
- Runoff coefficient
- Spillway capacity
- Surface runoff

Peak floods 0808

- BT -Floods
- RT -Design flood
- Flood peaks
- Hydrographs
- Maximum probable flood
- Peak discharge
- Peak runoff
- Rational formula
- Runoff coefficient
- Surface runoff

Peaking capacities 1002.1

- UF -Capacities (peaking)
- RT -Base loads
- Electric generators
- Electric networks
- Electric power demand
- Electric powerplants

- Electric power production
- Hydroelectric power
- Hydroelectric powerplants
- Hydroelectric resources
- Load factors
- Peak loads (electric)
- Peak power

Peak loads (electric) 1002.1

- RT -Base loads
- Electric generators
- Electric networks
- Electric power costs
- Electric power demand
- Electric power production
- Electric power rates
- Hydroelectric power
- Load factors
- Peaking capacities
- Peak power

Peak power 1002.1

- BT -Electric power
- Power
- RT -Base loads
- Electric generators
- Electric networks
- Electric power costs
- Electric power demand
- Electric power production
- Electric power rates
- Hydroelectric power
- Load factors
- Peaking capacities
- Peak loads (electric)

Peak pressures

- USE -Peak values

Peak runoff 0808

- BT -Runoff
- RT -Annual floods
- Drainage
- Flood control
- Flood forecasting
- Flood hydrographs
- Flood peaks
- Flood routing
- Floods
- Lysimeters
- Peak floods
- Rainfall
- River basins
- Snowmelt
- Soil erosion
- Spillway capacity
- Streamflow
- Surface runoff
- Surface waters
- Watersheds (basins)

Peak values 1201

- UF -Peak pressures
- BT -Value
- RT -Optimization

Peanuts 0204 0603.1

- UF -Arachis hypogaea
- BT -Agronomic crops
- Crops
- Dicots
- Field crops
- Fruit crops
- Horticultural crops
- Legumes
- Oilseed crops
- Plants (botany)
- Stone fruits

Peat 0807

- UF -Peat soils
- Peaty soils
- BT -Earth materials
- Materials
- Organic matter
- Soils
- RT -Bogs
- Coal
- Fen
- Fossil fuels
- Fuels
- Humic acids
- Humus
- Lacustrine deposits
- Lignite
- Marshes
- Muck
- Muskog
- Odor

- Organic clays
- Organic silts
- Organic soils
- Peat bog
- Soil types

Peat bog 0807

- BT -Bogs
- Land forms
- RT -Fossil fuels
- Fossils
- Humic acids
- Humus
- Lacustrine deposits
- Marshes
- Muck
- Organic clays
- Organic matter
- Organic silts
- Organic soils
- Peat

Peat soils

- USE -Peat

Peaty soils

- USE -Peat

Pecans 0204 0603.1

- UF -Carya illinoensis
- BT -Crops
- Dicots
- Fruit crops
- Horticultural crops
- Nuts
- Plants (botany)
- Stone fruits
- RT -Orchards
- Trees

Peccary 0603.2

- BT -Animals
- Big game
- Mammals
- Wildlife

Pedallers 0807

- NT -Gray-brown podzolic soils
- Laterites
- Podzols
- Prairie soils
- Red podzolic soils
- Yellow podzolic soils
- RT -Acidic soils
- Chernozems
- Forests
- Forest soils
- Humid climates
- Iron compounds
- Soil groups
- Soil types
- Subtropic
- Temperate
- Tropic
- Wet climates

Pedocals 0807

- BT -Soil types
- NT -Brown soils
- Chestnut soils
- Sierozems
- RT -Alkaline soils
- Arid lands
- Calcareous soils
- Calcium carbonate
- Caliche
- Chernozems
- Grasslands
- Lime
- Semiarid climates
- Soil groups

Pedological systems

- USE -Soil science

Pedology

- USE -Soil science

Peeling 1308

- RT -Adhesion
- Cutting
- Mechanical properties

Pegmatites 0807

- BT -Crystalline rocks
- Igneous rocks
- Plutonic rocks
- Rocks
- RT -Acidic rocks

PELTON TURBINES

Pegmatites (Con.)

Granite

Pelecypods

USE Mollusks

Pelton turbines 1307.1

- BT -Hydraulic machinery
- Hydraulic turbines
- Turbines
- RT Axial flow turbines
- Francis turbines
- Impulse turbines
- Kaplan turbines
- Turbine wheels

Pendulums 1402

- RT Gravimeters
- Gravity
- Momentum
- Oscillations

Penetration 1407

- NT Light penetration
- RT -Absorption
- Boring
- California bearing ratio
- Diffusion
- Dispersion
- Drilling
- Infiltration
- Inflow
- Jetting
- Leakage
- Penetration resistance
- Penetration tests
- Penetrometers
- Percolation
- Permeability
- Pile bearing capacities
- Pile driving
- Saline water intrusion
- Saturation
- Seepage
- Stains
- Vulnerability

Penetration (frost)

USE Frost action

Penetration resistance 0813

- BT -Resistance
- RT -Bearing capacity
- Hardness
- Penetration
- Penetration tests
- Penetrometers
- Pile bearing capacities
- Pile driving
- Pile-driving formulas
- Pile friction
- Relative density
- Soil density
- Soil investigations
- Soil profiles
- Soil tests
- Toughness

Penetration tests 1432

- BT -In situ tests
- Materials tests
- Tests
- RT Field density
- Field tests
- Foundation bearing tests
- Foundation investigations
- Nondestructive tests
- Penetration
- Penetration resistance
- Penetrometers
- Soil investigations
- Soil tests
- Subsurface investigations

Penetrometers 1402

- BT -Equipment
- Instrumentation
- Measuring instruments
- Meters
- Test equipment
- RT -Penetration
- Penetration resistance
- Penetration tests
- Soil tests

Pennsylvania 0806

- BT -Geographical regions
- States (Geographical)

Peristocks 1311.1

- BT -Conduits
- Conveyance structures
- Hydraulic structures
- RT Aqueducts
- Bends (hydraulic)
- Bifurcations
- Coaster gates
- Concrete structures
- Dams
- Discharge lines
- Diversion tunnels
- Entrances (fluid flow)
- Forebays
- High head
- Hydraulic conduits
- Hydraulic turbines
- Hydroelectric power
- Intakes
- Intake structures
- Intake towers
- Kaplan turbines
- Large structures
- Manifolds
- Noncircular conduits
- Pipelines
- Pipes
- Powerplants
- Pressure conduits
- Pressure pipes
- Pressure tunnels
- Ring stiffeners
- Steel pipes
- Stiffeners
- Stress relieving
- Surge tanks
- Trifurcations
- Tunnels
- Turbines
- Underground powerplants
- Vacuum breakers
- Velocity distribution
- Water tunnels (conveyance)

Peptides 0601

- BT -Chemical compounds
- Nitrogen compounds
- Organic compounds
- RT Amino acids
- Proteins

Perca flavescens

USE Yellow perch

Perched water 0808.1

- BT -Groundwater
- Phreatic water
- Water
- RT Impervious soils
- Perched water table
- Water sources
- Water table
- Water wells

Perched water table 0808.1

- BT -Water table
- RT Aquicludes
- Groundwater
- Observation wells
- Perched water
- Subsurface moisture
- Water levels
- Well logging

Perches 0603.2

- BT -Animals
- Aquatic animals
- Aquatic life
- Fish
- Freshwater fish
- Wildlife
- NT Darters
- Roanoke bass
- Rock bass
- Sauger
- Walleye
- Yellow perch
- RT White perch

Perca species

USE Carpers

Percolating water 0808.1

- BT -Groundwater
- Water
- Water types
- RT Artesian water
- Confined water
- Percolation

- Seepage
- Subsurface runoff
- Underground streams
- Well permits
- Well regulations

Percolation 0808.1

- UF Gravity flow
- BT -Flow
- Movement
- Unsaturated flow
- RT Canal seepage
- Capillarity
- Capillary conductivity
- Deep percolation
- Diffusion
- Extraction
- Field permeability tests
- Flow patterns
- Gravitational water
- Groundwater movement
- Groundwater recharge
- Groundwater sources
- Hydraulic conductivity
- Induced infiltration
- Infiltration
- Interstices
- Irrigation water
- Leaching
- Lysimeters
- Mole drainage
- Mole irrigation
- Path of pollutants
- Penetration
- Percolating water
- Percolation tests
- Permeability
- Permeability tests
- Pervious soils
- Phreatic water
- Pit recharge
- Ponding tests
- Porosity
- Rainfall-runoff relationships
- Recharge wells
- Rock properties
- Runoff
- Seepage
- Seepage losses
- Separation
- Soil moisture
- Soil physical properties
- Soil properties
- Soil structure
- Soil texture
- Soil water
- Soil water movement
- Specific yield
- Spreading basins
- Subsurface drainage
- Underflow
- Underseepage
- Vadose water
- voids
- Water application rate

Percolation tests 0808.1

- BT -Tests
- RT Hydrostatic pressure
- Infiltration
- Leakage
- Percolation
- Permeability
- Permeability tests
- Pressure tests
- Test holes
- Water loss

Percussion drilling 1315

- BT -Drilling
- RT -Blasting
- Borings
- Drill holes
- Drilling equipment
- Excavation
- Exploration
- Mining
- Rotary drilling
- Well logging
- Wells

Perennial ryegrass 0603.1

- UF Lolium perenne
- BT -Agronomic crops
- Crops
- Field crops
- Forage grasses
- Forages
- Grasses

- Monocots
- Plants (botany)
- RT -Turf grasses

Perennial streams 0808

- BT -Bodies of water
- Land forms
- Running waters
- Streams
- Watercourses (legal)
- Waterways
- RT Ephemeral streams
- Non-perennial streams
- River flow
- Rivers
- Seasonal
- Streamflow

Performance 1407

- RT Abilities
- Behavior
- Careers
- Codes
- Consistency
- Contract administration
- Contracting officers
- Efficiencies
- Evaluation
- Fatigue (physiology)
- Human engineering
- Job analysis
- Performance rating
- Performance tests
- Personnel
- Plant efficiencies
- Product evaluation
- Productivity
- Professional advancement
- Professional development
- Properties
- Pump tests
- Reliability
- Responsibilities
- Specifications
- Standards
- Supply contracts
- Time and motion studies
- Water utilization

Performance curves

USE Performance tests

Performance rating 0509

- RT Acceptability
- Equipment
- Evaluation
- Job analysis
- Machines
- Performance
- Performance tests
- Personnel
- Personnel management

Performance tests 1402

- UF Curves (performance)
- Performance curves
- BT -Tests
- RT Acceptability
- Acceptance tests
- Codes
- Inspection
- Materials tests
- Performance
- Performance rating
- Specifications
- Standards

Periodic variations 1407

- UF Recurrence intervals
- NT Diurnal variations
- Elastic waves
- Electromagnetic waves
- Light waves
- Longitudinal waves
- Mechanical waves
- Seasonal variations
- Tides
- Translatory waves
- Waves
- Waves (water)
- RT Climatology
- Cyclic loads
- Freeze-thaw cycle
- Loading rate
- Time series analysis
- Variability
- Waveforms

THESAURUS OF TERMS

PERVIOUS MEMBRANES

Period of growth 0516

- RT Biorhythms
- Growing period
- Growth rates
- Growth stages
- Life cycles
- Life expectancy
- Life history studies
- Seasonal

Periphyton 0603

- UF Aufwuchs
- BT -Aquatic life
- RT -Algae
- Animals
- Aquatic algae
- Aquatic animals
- Marine animals
- Plants (botany)
- Rooted aquatic plants
- Sessile algae
- Underwater

Perlite 0807

- BT -Acidic rocks
- Igneous rocks
- Minerals
- Rocks
- Volcanic rocks
- RT Cushioning
- Insulation
- Lightweight aggregates
- Mechanical insulation
- Pumice
- Rhyolite
- Vermiculite

Permafrost 0812

- BT -Frozen soils
- Soil types
- RT Arctic
- Climatology
- Cold regions
- Cold weather construction
- Foundations
- Freezing
- Frost
- Frost action
- Frost heaving
- Ice
- Ice lenses
- Soil mechanics
- Subarctic
- Tundra

Permanent wilting

- USE Wilting point

Permeability 0808.1

- UF Impermeability
- BT -Hydrologic properties
- Physical properties
- RT Air void ratio
- Aquicludes
- Aquifers
- Capillarity
- Capillary action
- Capillary conductivity
- Compacted soils
- Compaction
- Concrete properties
- Conductivity
- Darcys law
- Diffusion
- Diffusivity
- Dupuit-Forchheimer theory
- Field permeability tests
- Filter tests
- Flow
- Gravitational water
- Groundwater flow
- Groundwater movement
- Hydraulic conductivity
- Impervious blankets
- Impervious linings
- Impervious membranes
- Impervious soils
- Infiltration
- Interstices
- Laplace equation
- Leaching
- Leakage
- Membranes
- Penetration
- Percolation
- Percolation tests
- Permeability coefficients
- Permeability tests
- Permeameters

- Pervious blankets
- Pervious linings
- Pervious membranes
- Pervious soils
- Piezometry
- Pores
- Pore size
- Porosity
- Porous media
- Rock properties
- Saturated flow
- Seepage
- Soil amendments
- Soil disposal fields
- Soil moisture
- Soil moisture movement
- Soil physical properties
- Soil properties
- Soil texture
- Soil water
- Soil water movement
- Specific retention
- Specific yield
- Strip aquifers
- Subsurface drainage
- Subsurface irrigation
- Surface properties
- Surface sealing
- Thiém's equation
- Thiém's equation
- Transmissibility coefficient
- Transmissivity
- Two-part aquifers
- Underflow
- Underseepage
- Unsaturated flow
- Viscosity
- Voids
- Watertight
- Water yield
- Well logging
- Wettability

Permeability coefficients 0808.1

- BT -Coefficients
- RT Capillary action
- Darcys law
- Flow
- Groundwater movement
- Hydraulic gradient
- Permeability
- Permeability tests
- Porosity
- Seepage

Permeability tests 0808.1

- BT -Field tests
- In situ tests
- Materials tests
- Tests
- NT -Field permeability tests
- Thiém test
- RT Hydrostatic pressure
- Infiltration
- Infiltration capacity
- Infiltration rate
- Percolation
- Percolation tests
- Permeability
- Permeability coefficients
- Pressure tests
- Rock tests
- Soil tests
- Well logging

Permeameters 1402

- BT -Equipment
- Instrumentation
- Measuring instruments
- Test equipment
- RT Darcys law
- Flow measurement
- Flowmeters
- Lysimeters
- Permeability
- Piezometers

Permeation

- USE Infiltration

Permissible velocity 2004

- RT Cavitation index
- Critical velocity
- Fluid flow
- Open channel flow
- Pipe flow
- Protective coatings
- Pump intakes

Permits 0504.1

- NT Irrigation permits
- Water permits
- Well permits
- RT Administrative agencies
- Control
- Foreign trade
- Hydroelectric project licensing
- Laws
- Legal aspects
- Legislation
- Licenses
- Litigation
- Prior appropriation
- Regulations
- Royalties
- State governments

Permeable membranes 1107

- BT -Membranes
- RT Anions
- Cations
- Deminerization
- Desalination
- Desalination apparatus
- Electrodialysis
- Ion exchange
- Ions
- Membrane processes
- Tertiary treatment
- Waste treatment
- Waste water treatment
- Water pollution treatment

Persistence 1407

- RT Balance of nature
- Competition
- Crop response
- Degradation (decomposition)
- Durability
- Environmental effects
- Leaching
- Longevity
- Movement
- Pesticide kinetics
- Pesticide toxicity
- Population
- Resistance
- Soil sterilants
- Strength
- Succession
- Translocation

Personal property 0504.1

- RT -Legal aspects
- Real property

Personnel 0509

- UF Employees
- NT Architects
- Consulting engineers
- Designers
- Engineering personnel
- Executives
- Government employees
- Maintenance personnel
- Professional personnel
- Scientific personnel
- Technologists
- RT Civil service
- Competition
- Construction management
- Education
- Employee relations
- Employment
- Fringe benefits
- Industrial relations
- Labor
- Labor costs
- Labor supply
- Logistics
- Management
- Management analysis
- Manpower
- Organization charts
- Organizations
- Organizing
- Performance
- Performance rating
- Personnel management
- Procurement
- Production planning
- Productivity
- Replacing
- Requirements
- Resources
- Salaries
- Self-improvement
- Supervision

- Training
- Wages
- Working conditions

Personnel management 0501 0509

- BT -Management
- RT Abilities
- Administration
- Applied psychology
- Appraisals
- Benefit sharing
- Budgets
- Careers
- Civil service
- Classifications
- Competition
- Construction management
- Costs
- Education
- Employment
- Evaluation
- Fringe benefits
- Group dynamics
- Human engineering
- Incentives
- Industrial engineering
- Instruction
- Job analysis
- Labor costs
- Labor unions
- Leadership
- Management engineering
- Management planning
- Management training
- Manpower
- Organization charts
- Orientation
- Performance rating
- Personnel
- Professional advancement
- Professional development
- Public relations
- Regulations
- Relocation
- Responsibilities
- Supervision
- Training
- Working conditions

PERT 0501

- BT -Operations research
- RT Arrow diagrams
- Computer programs
- Computers
- Critical path method
- Estimating
- Flow charts
- Management
- Networks
- Planning
- Production
- Production control
- Production planning
- Programs
- Project planning
- Scheduling

Pervious blankets 1313.1

- BT -Blankets
- NT Rock blankets
- RT Canal linings
- Drainage
- Earth linings
- Filters
- Gravels
- Permeability
- Pervious linings
- Pervious membranes
- Pervious soils
- Seepage control
- Self-spillway dams

Pervious linings 1313.1

- BT -Linings
- RT Canal linings
- Earth linings
- Gravel blankets
- Permeability
- Pervious blankets
- Pervious membranes
- Pervious soils
- Rigid linings
- Rock blankets
- Self-spillway dams

Pervious membranes 1107

- BT -Membranes
- RT Impervious membranes
- Permeability

PERVIOUS SOILS

Pervious membranes (Con.)

- Pervious blankets
- Pervious linings
- Transition zones
- Zoned embankments

Pervious soils 0807

- BT -Earth materials
- Materials
- Soils
- Soil types
- NT -Gravels
- Sands
- RT -Aquifers
- Coarse aggregates
- Cohesionless soils
- French drains
- Grain sizes
- Granular materials
- Groundwater
- Impervious soils
- Infiltration
- Loose soils
- Percolation
- Permeability
- Pervious blankets
- Pervious linings
- Silt
- Soil texture
- Soil water movement

Pest control 0606

- UF Eradication (pests)
- BT -Control
- NT Algal control
- Aquatic weed control
- Brush control
- Insect control
- Weed control
- RT Adoption of practices
- Agriculture
- Animal control
- Animals
- Application methods
- Attractants
- Biocontrol
- Burning
- Chemcontrol
- Cultural control
- Desiccants
- Entomology
- Environmental sanitation
- Farm management
- Fish diseases
- Fish parasites
- Flooding
- Insects
- Integrated control measures
- Irrigation ditches
- Mechanical control
- Nuisance birds
- Pesticides
- Physical control
- Plant diseases
- Poisons
- Preservation
- Public health
- Repellents
- Sanitary engineering
- Sanitation
- Seed treatment
- Soil sterilants
- Soil treatment
- Spraying
- Sterilants

Pesticide drift 0606

- UF Drift (pesticide)
- BT -Drift
- RT Aerosols
- Dust
- Movement
- Pesticide kinetics
- Pesticide residues
- Pesticides
- Sprays
- Volatility

Pesticide kinetics 0606

- BT -Kinetics
- RT -Absorption
- Distribution patterns
- Flow
- Formulation
- Leaching
- Movement
- Path of pollutants
- Persistence
- Pesticide drift
- Pesticide residues

- Pesticides
- Pesticide toxicity
- Soil water
- Translocation
- Volatility

Pesticide removal 0606

- RT Pesticide residues
- Pesticides
- Water pollution treatment
- Water purification

Pesticide residues 0606

- UF Deposition (pesticides)
- RT Bioassay
- Bioindicators
- Chemical wastes
- Fishkill
- Fish physiology
- Hazards
- Mortality
- Pesticide drift
- Pesticide kinetics
- Pesticide removal
- Pesticides
- Pesticide toxicity
- Phytotoxicity
- Pollutants
- Public health
- Soil contamination
- Water analysis
- Water pollution sources
- Water quality

Pesticides 0606

- BT -Chemicals
- Poisons
- NT Acaricides
- Aldrin
- Algicides
- Aliphatic pesticides
- Aminotriazole
- Antibiotics (pesticides)
- Anthelmintics (pesticides)
- Antiprotzoals (pesticides)
- Arsenicals (pesticides)
- Avicides
- Bactericides
- Carbamate pesticides
- Chlorinated hydrocarbon pesticides
- 2,4-D
- Dalapon
- DDT
- Diazinon
- 2,6-Dichlorobenzil
- Dieldrin
- Diquat
- Endrin
- Fumigants
- Fungicides
- Gametocides
- Halogenated pesticides
- Heptachlor
- Herbicides
- Inorganic pesticides
- Insecticides
- Larvicides
- Metal organic pesticides
- Molluscicides
- Monuron
- Nematocides
- Organic pesticides
- Organophosphorus pesticides
- Ovicides
- Paraquat
- Phenolic pesticides
- Phosphothioate pesticides
- Piscicides
- Post-emergents
- Pre-emergents
- Pyridine pesticides
- Rodenticides
- Sodium arsenite
- Soil sterilants
- Spirochetatocides (pesticides)
- 2,4,5-T
- Thiocarbamate pesticides
- Triazine pesticides
- Triazole pesticides
- Uracil pesticides
- Urea pesticides
- Viricides
- Wood preservatives (pesticides)
- RT Adjuvants
- Agricultural chemicals
- Antimycin A
- Application methods
- Attractants

- Balance of nature
- Control
- Copper sulfate
- Creosote
- Crops
- Desiccants
- Food chains
- Inhibitors
- Integrated control measures
- Lethal limit
- Organic compounds
- Pest control
- Pesticide drift
- Pesticide kinetics
- Pesticide removal
- Pesticide residues
- Pesticide toxicity
- Phytotoxicity
- Plant growth regulators
- Repellents
- Rotenone
- Seed treatment
- Soil treatment
- Sterilants
- Systemics
- Toxicity
- Toxins

Pesticide toxicity 0620

- BT -Toxicity
- RT Balance of nature
- Environmental sanitation
- Fishkill
- Persistence
- Pesticide kinetics
- Pesticide residues
- Pesticides
- Phytotoxicity
- Poisons
- Public health

Petrofabrics 0807

- RT Grain shapes
- Microscopy
- Petrographic investigations
- Petrography
- Petrology
- Rocks
- Structural geology

Petrographic investigations 0807

- BT -Geologic investigations
- Investigations
- Petrography
- RT -Analytical techniques
- Crystallography
- Geology
- Materials engineering
- Microscopy
- Mineral analysis
- Mineralogy
- Petrofabrics
- Petrology
- Rocks
- Soil investigations

Petrography 0807

- BT -Geology
- NT Petrographic investigations
- RT Andesite
- Classifications
- Crystallography
- Igneous rocks
- Metamorphic rocks
- Microscopy
- Mineral analysis
- Mineral content
- Mineralogy
- Minerals
- Petrofabrics
- Petrology
- Rock properties
- Rocks
- Sedimentary petrology
- Sedimentary rocks
- Soils

Petroleum 1107

- BT -Bitumens
- Hydrocarbons
- Natural resources
- RT -Asphalts
- Fuel oil
- Fuels
- Gasoline
- Greases
- Minerals
- Natural gas
- Oil fields

- Oil industry
- Oil reservoirs
- Oils
- Oil shale
- Oil waste
- Oil wells
- Waxes

Petrology 0807

- BT -Geology
- Sciences
- NT Sedimentary petrology
- RT Andesite
- Geophysics
- Igneous rocks
- Metamorphic rocks
- Mineral analysis
- Mineral content
- Mineralogy
- Petrofabrics
- Petrographic investigations
- Petrography
- Rock properties
- Rocks
- Sedimentary rocks
- Sedimentology
- Stratigraphy
- Structural geology

PF

- USE Moisture tension

pH 0704

- UF Hydrogen ion concentration
- BT -Chemical properties
- RT Acidity
- Acids
- Alkalinity
- Alkalis (bases)
- Buffers (chemistry)
- Concentration
- Neutralization
- Salinity/ meters
- Soil chemical properties
- Water chemistry
- Water properties

Phaeophyta 0603.1

- Algae (brown)
- Brown algae
- BT -Algae
- Plants (botany)
- RT -Aquatic algae
- Aquatic microorganisms
- Aquatic plants

Phanerodon furcatus

- USE White seaperch

Phase control 2014

- UF Phase meters
- Phase modulation
- Phase shifters
- Phase shifts
- BT -Control
- RT Anodes
- Direct current
- Electronic equipment
- Harmonics
- Rectifiers
- Television
- Voltage regulators

Phase diagrams 0704

- BT -Diagrams
- RT -Alloys
- Equilibrium
- Liquids
- Melting
- Metallurgy
- Phase transformations
- Pressure
- Solubility
- Temperature
- Thermal analysis
- Thermal properties

Phase meters

- USE Phase control

Phase modulation

- USE Phase control

Phaseolus vulgaris

- USE Beans

Phase shifters

- USE Phase control

THESAURUS OF TERMS

PHREATIC WATER

Phase shifts

USE Phase control

Phase studies 1407

- RT Astronomy
- Chemistry
- Cloud physics
- Construction
- Cryogenics
- Crystallization
- Demeralization
- Electrical engineering
- Evaporation control
- Nucleation
- Operations research
- Physics
- Planning
- Sublimation
- Transpiration

Phase transformations 1407

- BT -Transformations
- RT Crystallization
- Crystallography
- Phase diagrams

Phenolic pesticides 0606

- BT -Chemicals
- Organic pesticides
- Pesticides

Phenolic plastics

USE Phenolic resins

Phenolic resins 1109

- UF Phenolic plastics
- BT -Resins
- Synthetic resins
- Thermosetting resins

Phenology 0606

- RT Biorhythms
- Ecology
- Environmental effects
- Flowering
- Growth stages
- Life cycles
- Life expectancy
- Life history studies
- Photoperiodism
- Plant growth

Phenols 0703

- BT -Aromatic compounds
- Chemical compounds
- Organic compounds
- RT Chemical wastes
- Industrial wastes
- Water pollution sources

Philecte canagica

USE Emperor goose

Phloem 0603

- UF Sieve tubes
- BT -Plant tissues
- Vascular tissues
- RT Bark
- Fibers (plant)
- Root systems
- Translocation
- Xylem

Phoenix dactylifera

USE Dates

Phosphates 0702

- BT -Chemical compounds
- Phosphorus compounds
- NT Sodium phosphates
- RT Fertilizers
- Salts

Phosphorus 0702

- BT -Chemical elements
- Nonmetals
- NT Phosphorus radioisotopes
- RT Phosphorus alloys
- Phosphorus compounds

Phosphorus alloys 1106

- BT -Alloys
- Metals
- RT -Phosphorus

Phosphorus compounds 0702 0703

- BT -Chemical compounds
- NT Diazinon

- Organophosphorus compounds
- Organophosphorus pesticides
- Phosphates
- Phosphothioate pesticides
- Sodium phosphates

- RT Fertilizers
- Phosphorus

Phosphorus radioisotopes 1802

- BT -Chemical elements
- Isotopes
- Phosphorus
- Radioisotopes

Phosphothioate pesticides 0606

- UF Thiophosphate pesticides
- BT -Chemical compounds
- Chemicals
- Organic pesticides
- Organophosphorus compounds
- Organophosphorus pesticides
- Pesticides
- Phosphorus compounds
- Sulfur compounds
- NT Diazinon

Photoactivation 0616

- RT -Animal physiology
- Biochemistry
- Biorhythms
- Diurnal
- Light
- Photoelectricity
- Photoperiodism
- Photosynthesis
- Pigments
- Plant physiology
- Plant pigments

Photoconductors

USE Semiconductors

Photoelasticity 2012

- BT -Mechanical properties
- RT -Model studies
- Model tests
- Optical properties
- Stress analysis
- Stress concentration
- Stress distribution
- Structural analysis

Photoelectricity 2003

- RT -Electric current
- Electric potential
- Light
- Optical properties
- Photoactivation

Photogeology 0807

- BT -Geology
- RT Aerial photography
- Aerial reconnaissance
- Aerial surveys
- Exploration
- Geologic investigations
- Geomorphology
- Photogrammetry
- Photointerpretation
- Reconnaissance surveys
- Remote sensing

Photogrammetry 0802

- RT Aerial photography
- Aerial reconnaissance
- Aerial surveys
- Cameras
- Geological surveys
- Hydrographic surveys
- Mapping
- Maps
- Mosaics
- Photogeology
- Photographic analysis
- Photographs
- Photography
- Photointerpretation
- Plane surveying
- Reconnaissance surveys
- Remote sensing
- Soil maps
- Stereoscopes
- Stereoscopic map plotters
- Stereoscopic photography
- Surveying
- Surveys
- Terrain analysis
- Topographic mapping
- Topographic surveys

Photographic analysis 1405

- BT -Analysis
- RT High speed photography
- Motion pictures
- Photogrammetry
- Photographs
- Photointerpretation

Photographic equipment 1405

- NT -Borehole cameras
- Cameras
- Drill hole TV cameras
- RT High speed photography
- Instrumentation
- Lenses (optical)
- Microfilm
- Microphotography
- Photographs
- Photography
- Stereoscopes
- Stereoscopic map plotters
- Television

Photographs 1405

- NT Motion pictures
- RT Aerial photography
- Cameras
- Drill hole TV cameras
- High speed photography
- Infrared photography
- Microfilm
- Microphotography
- Mosaics
- Photogrammetry
- Photographic analysis
- Photographic equipment
- Photography
- Photointerpretation
- Visual aids

Photography 1405

- NT Aerial photography
- Color photography
- High speed photography
- Infrared photography
- Microfilm
- Microphotography
- RT -Cameras
- Films
- Lighting
- Mapping
- Motion pictures
- Photogrammetry
- Photographic equipment
- Photographs
- Radiographic inspection
- Radiography
- Remote sensing
- Reproduction (copying)
- Surveys
- Terrain analysis

Photointerpretation 1405

- RT Aerial photography
- Aerial reconnaissance
- Geologic maps
- Infrared photography
- Photogeology
- Photogrammetry
- Photographic analysis
- Photographs
- Soil maps
- Stereoscopes

Photometers 1402

- BT -Detectors
- Equipment
- Instrumentation
- Measuring instruments
- Radiation detectors
- Radiation measuring equipment
- Sensors
- Test equipment
- RT Colorimetry
- Flame photometry
- Photometry
- Radiometers
- Spectrometers
- Spectrometry
- Spectrophotometry
- Turbidimeters

Photometry 1402

- BT -Optical measurement
- NT Flame photometry
- Spectrophotometry
- RT -Analytical techniques
- Chemical analysis
- Colorimetry

- Fluorometry
- Light intensity
- Photometers
- Remote sensing

Photoperiodism 0616

- UF Day length
- Light duration
- RT -Animal physiology
- Biorhythms
- Degree days
- Diurnal variations
- Environments
- Light
- Microenvironment
- Phenology
- Photoactivation
- Physiological ecology
- Pigments
- Plant growth
- Plant physiology

Photosynthesis 0601

- UF Carbon assimilation
- Carbon fixation
- BT -Chemical properties
- Chemical reactions
- RT Biochemistry
- Carbohydrates
- Carbon cycle
- Chlorophyll
- Energy conversion
- Light
- Oxygen demand
- Photoactivation
- Photosynthetic bacteria
- Photosynthetic oxygen
- Pigments
- Plant physiology
- Plant pigments
- Primary productivity
- Self-purification
- Stomata
- Translocation
- Transpiration

Photosynthetic bacteria 0613

- BT -Anaerobic bacteria
- Bacteria
- Microorganisms
- Plants (botany)
- RT -Nitrogen fixing bacteria
- Photosynthesis
- Sulfate reducing bacteria

Photosynthetic oxygen 0601

- BT -Oxygen
- RT Dissolved oxygen
- Photosynthesis

Phototropism 0603

- BT -Tropisms
- RT -Plant growth
- Plant growth substances
- Plant physiology

Phreatic lines 0808.1

- UF Groundwater surface
- RT Aquifer tests
- Banks
- Drain spacing
- Drawdown
- Drawdown curves
- Earth dams
- Embankments
- Flow nets
- Groundwater
- Groundwater flow
- Hydraulic gradient
- Levees
- Phreatic water
- Rapid drawdown
- Rockfill dams
- Saturation zones
- Water table

Phreatic water 0908.1

- BT -Water
- NT Perched water
- RT -Aquifers
- Artesian wells
- Artesian wells
- Brackish water
- Connate water
- Darcys law
- Fresh water
- Gravitational water
- Groundwater
- Groundwater recharge

USE = Use preferred term; UF = Used for; BT = Broader term; NT = Narrower term; RT = Related term

PHREATOPHYTES

Phreatic water (Con.)

- Hydraulic conductivity
- Hydrogeology
- Infiltration
- Observation wells
- Percolation
- Phreatic lines
- Saturation zones
- Soil water
- Springs (water)
- Water resources
- Water table
- Water wells

Phreatophyte control

USE Brush control

Phreatophytes 0603.1

BT -Plants (botany)

NT Alfalfa

- Chaparral
- Cottonwoods
- Halogeton
- Mesquite
- Rabbitbush
- Sagebrush
- Tamarisk

RT Arid lands

- Brush
- Brush control
- Capillary fringe
- Consumptive use (water)
- Desert plants
- Evapotranspiration
- Moisture availability
- Ranges
- Riparian plants
- Root zone
- Soil water
- Water loss
- Water table
- Water utilization
- Water yield improvement
- Weeds
- Zone of saturation

Phytogeny 0603

RT History

Speciation

-Systematics

Varieties

Physical chemistry 0704

BT -Chemistry

- RT -Chemical properties
- Chemical reactions
- Colloids
- Electrochemistry
- Ionization
- Physics
- Solutions
- Thermodynamics

Physical control 1407

BT -Control

NT Mechanical control

RT -Application methods

Biocontrol

Chemcontrol

Cultural control

-Electrical properties

Insect control

Integrated control measures

Manual control

-Pest control

Physical models

USE Model studies

Physical properties 1407

BT -Properties

NT Adhesion

- Air void ratio
- Anisotropy
- Bulk density
- Buoyancy
- Capillary conductivity
- Cohesive strength
- Color
- Compressive strength
- Conductivity
- Critical density
- Density
- Design strength
- Diffusivity
- Dimensions
- Dry density
- Dry weight
- Earth resistivity (electrical)
- Electrical resistivity

- Field density
- Gradation
- Hardness
- Heat of hydration
- Heat resistance (materials)
- Heat transfer
- Hydraulic conductivity
- Immiscibility
- In place density
- Isotropy
- Opacity

-Optical properties

Permeability

Poisson ratio

Pore size

Porosity

Reflectivity

Refractivity

Relative consistency

Relative density

-Resistivity

Resonance

Rock density

Roughness (hydraulic)

Seismic properties

Sensitivity

-Size

Smoothness

Soil density

-Soil physical properties

Soil structure

Specific gravity

Specific heat

Specific surface

Specific weight

-Strength

Superconductivity

Texture

Thermal capacity

Thermal conductivity

Thermal diffusion

Thermal expansion

-Thermal properties

Toughness

Turbidity

Unit weight

Vapor pressure

Viscosity

-Void ratio

Volatility

-Weight

Wettability

Wet weight

Width

RT Bearing strength

Capillary action

-Chemical properties

Cloud physics

Coalescence

Concrete properties

Density stratification

Elasticity (mechanical)

-Electrical properties

Flexural strength

-Hydrologic properties

Hydrostatic pressure

Hysteresis

Index tests

-Kinetics

-Magnetic properties

-Materials tests

-Mechanical properties

Physicochemical properties

Piezoelectricity

-Resistance

Rheology

Rock properties

Rock tests

Shear strength

Soil stability

Soil strength

-Soil tests

Solids

Solubility

Specific heat

-Stability

Stress-strain curves

-Temperature

-Tensile strength

Thickness

Thinness

Thixotropy

Transmissivity

Ultimate tensile strength

Water properties

Yield strength

Physicochemical properties 0704

BT -Properties

RT -Biological properties

-Chemical properties

-Chemical reactions

-Chemistry

Electrochemistry

Enthalpy

Entropy

-Physical properties

Thermodynamic behavior

-Thermodynamics

Physiochemistry

USE Biochemistry

Physiography

USE Geomorphology

Physiology (animal)

USE Animal physiology

Physiology (plant)

USE Plant physiology

Physics 2000

Use of a more specific term is recommended

BT -Sciences

NT -Acoustics

-Atmospheric physics

Cloud physics

Crystallography

-Dynamics

Electricity

-Engineering mechanics

-Fluid dynamics

-Geophysics

Gravity studies

Hydrostatics

-Mechanics

Nuclear physics

Optics

Plasma physics

Quantum mechanics

Soil physics

Solid state physics

-Statics

RT Biophysics

-Dimensions

-Electrical properties

-Energy

-Light

Phase studies

Physical chemistry

Physiological ecology 0606

BT -Ecology

RT Aestivation

-Animal physiology

Cold resistance

Disease resistance

Drought resistance

Drought tolerance

-Environmental effects

Heat budget

Heat resistance (biological)

Lodging

Photoperiodism

Plant physiology

-Tropisms

Phytometers 1402

UF Potometers

BT -Instrumentation

RT Transpiration

Phytoplankton 0603.1

BT -Aquatic life

-Aquatic plants

-Plankton

-Plants (botany)

NT Beggiatoa

RT -Algae

-Aquatic bacteria

-Aquatic fungi

-Aquatic microorganisms

-Bacteria

Fish food organisms

-Fungi

Marine algae

Marine bacteria

Marine fungi

-Marine plants

Nannoplankton

Plant groupings

Scenedesmus

Phytotoxicity 0620

BT -Toxicity

RT Air pollution effects

Bioremediators

Mode of action

Pesticide residues

-Pesticides

Pesticide toxicity

Plant growth regulators

Plant growth substances

-Plants (botany)

-Poisons

Soil contamination effects

Water pollution effects

Phytotrons

USE Biotrons

Pickeral

USE Pikes

Piers 1313

NT Baffle piers

Bell piers

Bridge piers

Spillway piers

RT Abutments

-Bridges (structures)

Bulkhead line

-Bulkheads

Buttresses

Caissons

Canilevers

-Coastal structures

-Concrete structures

-Docks

-Footings

-Foundations

Jetties

Obstruction to flow

Pad footings

-Piles (foundations)

Shore protection

Skewed structures

-Structural members

-Supports

Piers (docks)

USE Docks

Piezoelectricity 2003

BT -Electrical properties

RT -Electric generators

Electricity

Energy conversion

-Mechanical properties

-Nondestructive tests

Oscillators

-Physical properties

Piezoelectric transducers

Piezoelectric transducers 0905

BT -Transducers

RT -Detectors

-Instrumentation

-Measuring instruments

Piezoelectricity

Pressure sensors

-Probes (instruments)

-Sensors

Piezometers 1402

BT -Equipment

-Gages

-Instrumentation

-Measuring instruments

-Meters

-Pressure gages

-Pressure measuring instruments

-Test equipment

NT Porous tube piezometers

RT Bubbling pressure

Filler stones

Head losses

THESAURUS OF TERMS

PINTAIL DUCKS

Piezometry (Con.)

—Flow
—Groundwater
—Liquids
—Manometers
—Measurements
—Permeability
—Piezometers
—Porosity
—Potentiometric level
—Pressure
—Water table

Pigments 1103

NT Chlorophyll
—Plant pigments
RT —Additives
—Biochemistry
—Biology
—Bioluminescence
—Color
—Dyes
—Fillers
—Fluorescence
—Paints
—Photoactivation
—Photoperiodism
—Photosynthesis
—Stains

Pikes 0603.2

UF Esox species
—Muskellunge
—Northern pike
—Pickerel
BT —Animals
—Aquatic animals
—Aquatic life
—Fish
—Freshwater fish
—Wildlife
RT Sport fish

Pile bearing capacities 1313.6

UF —Pile bearing tests
BT —Bearing capacity
RT —Batter piles
—Bearing piles
—Bearing strength
—Bearing values
—Cast-in-place piles
—Concrete piles
—Loads (forces)
—Negative friction
—Penetration
—Penetration resistance
—Pile-driving formulas
—Pile extraction
—Pile foundations
—Pile friction
—Pile groups
—Pile lateral loads
—Piles (foundations)
—Pile spacing
—Pile tests
—Steel piles
—Test piles

Pile bearing tests

USE Pile bearing capacities

Pile caps 1313.6

RT —Concrete piles
—Pile driving
—Pile foundations
—Pile groups
—Piles (foundations)
—Slabs
—Steel piles
—Wooden piles

Pile drivers

USE Pile driving

Pile driving 1313.6

UF —Pile drivers
—Pile driving tests
NT —Sonic pile driving
—Vibratory pile driving
RT —Batter piles
—Bearing piles
—Bored piles
—Concrete piles
—Construction
—Drilling
—Friction piles
—Hammers
—Jacking
—Jetting
—Penetration

Penetration resistance
Pile caps
Pile-driving formulas
Pile extraction
Pile foundations
Pile friction
Pile groups
—Piles (foundations)
—Pile spacing
—Pile tests
—Sheet piling
—Steel piles
—Test piles
—Wooden piles

Pile-driving formulas 2011

BT —Formulas
RT —Hammers
—Penetration resistance
—Pile bearing capacities
—Pile driving
—Pile friction
—Piles (foundations)

Pile driving tests

USE Pile driving

Pile extraction 1313.6

UF —Pile extractors
BT —Extraction
RT —Negative friction
—Pile bearing capacities
—Pile driving
—Pile friction
—Pile groups
—Pins (foundations)
—Pile tests
—Skin friction
—Test piles
—Uplift resistance

Pile extractors

USE Pile extraction

Pile foundations 1313.6

BT —Foundations
RT —Batter piles
—Bearing piles
—Bell piers
—Bored piles
—Buildings
—Cast-in-place piles
—Concrete piles
—Docks
—Flexible foundations
—Friction piles
—Pile bearing capacities
—Pile caps
—Pile driving
—Pile groups
—Piles (foundations)
—Pile spacing
—Sonic pile driving
—Steel piles
—Test piles
—Underwater foundations
—Wooden piles

Pile friction 2011

BT —Friction
RT —Concrete piles
—Friction piles
—Negative friction
—Penetration resistance
—Pile bearing capacities
—Pile driving
—Pile-driving formulas
—Pile extraction
—Pile groups
—Piles (foundations)
—Pile spacing
—Pile tests
—Positive friction
—Skin friction
—Steel piles
—Test piles
—Uplift resistance
—Wooden piles

Pile groups 1313.6

RT —Batter piles
—Bored piles
—Foundations
—Pile bearing capacities
—Pile caps
—Pile driving
—Pile extraction
—Pile foundations
—Pile friction

Pile lateral loads
—Piles (foundations)
Pile spacing

Pile lateral loads 2011

BT —Lateral forces
—Loads (forces)
RT —Batter piles
—Eccentric loading
—Horizontal loads
—Pile bearing capacities
—Pile groups
—Piles (foundations)
—Pile spacing

Pile perch 0603.2

UF Rhacochilus vacca
BT —Animals
—Aquatic animals
—Aquatic life
—Fish
—Marine animals
—Marine fish
—Saline water fish
—Wildlife

Piles (foundations) 1313.6

NT —Batter piles
—Bearing piles
—Bored piles
—Cast-in-place piles
—Concrete piles
—Friction piles
—Sheet piling
—Steel piles
—Test piles
—Wooden piles
RT —Bearing capacity
—Bell piers
—Bridge foundations
—Bridge piers
—Cast-in-place structures
—Columns
—Flexible foundations
—Footings
—Foundations
—Hammers
—Negative friction
—Piers
—Pile bearing capacities
—Pile caps
—Pile driving
—Pile-driving formulas
—Pile extraction
—Pile foundations
—Pile friction
—Pile groups
—Pile lateral loads
—Pile spacing
—Pile tests
—Sonic pile driving
—Structural members
—Supports
—Vibratory pile driving

Pile spacing 1313.6

RT —Batter piles
—Bearing piles
—Cast-in-place piles
—Friction piles
—Pile bearing capacities
—Pile driving
—Pile foundations
—Pile friction
—Pile groups
—Pile lateral loads
—Piles (foundations)
—Pile tests

Pile tests 1402

—Tests
—Field tests
—In situ tests
—Loading tests
—Pile bearing capacities
—Pile driving
—Pile extraction
—Pile friction
—Piles (foundations)
—Pile spacing
—Test piles
—Uplift resistance

Pillars

USE Columns

Pilot plants 1309

RT Desalination plants
—Facilities

—Industrial plants
—Models
—Prototypes

Pin connected joints 1305

UF —Connected joints (pin)
—Joints (pin connected)
BT —Joints (connections)
RT —Connectors (mechanical)
—Fasteners
—Flexible couplings
—Hinged structures
—Hinges
—Pins (mechanical)
—Structural design

Pine trees 0206 0603.1

UF Pinus (species unspecified)
BT —Coniferous trees
—Conifers
—Gymnosperms
—Plants (botany)
—Trees
NT —Bristlecone pine trees
—Jack pine trees
—Loblolly pine trees
—Lodgepole pine trees
—Pinyon pine trees
—Ponderosa pine trees
—Red pine trees
—Scotch pine trees
—White pine trees
—Yellow pine trees
RT —Coniferous forests
—Plant groupings

Pink salmon 0603.2

UF Oncorhynchus gorbuscha
BT —Animals
—Aquatic animals
—Aquatic life
—Fish
—Salmon
—Salmonids
—Wildlife
RT —Freshwater fish
—Marine fish

Pink shrimp 0603.2

UF Penaeus borealis
BT —Animals
—Aquatic animals
—Aquatic life
—Commercial shellfish
—Crustaceans
—Invertebrates
—Shellfish
—Shrimp

Pins (mechanical) 1305

BT —Fasteners
—Mechanical fasteners
NT —Dowels
RT —Couplings
—Hinged structures
—Hooks
—Joints (connections)
—Nails
—Pin connected joints
—Studs

Pintail ducks 0603.2

UF Anas acuta
BT —Animals
—Aquatic life
—Birds
—Ducks (wild)
—Migratory birds
—Waterfowl
—Wildlife

Pinus (species unspecified)

USE Pine trees

Pinus aristata

USE Bristlecone pine trees

Pinus banksiana

USE Jack pine trees

Pinus contorta

USE Lodgepole pine trees

Pinus edulis

USE Pinyon pine trees

Pinus ponderosa

USE Pallas's pine trees

PINYON PINE TREES

Pinus resinosa
USE Red pine trees

Pinus strobus
USE White pine trees

Pinus sylvestris
USE Scotch pine trees

Pinyon pine trees 0603.1

- UF *Pinus edulis*
- BT -Coniferous trees
- Conifers
- Gymnosperms
- Pine trees
- Plants (botany)
- Trees

Pioneer stage 0606

- UF Bare bottom stage
- BT -Ecosystems
- Lake stages
- Succession

Pipe bedding 1313.3

- RT Backfills
- Bedding materials
- Borrow materials
- Buried pipes
- Compaction
- Excavation
- Gravels
- Pipe cradles
- Pipe design
- Pipe laying
- Pipes
- Sands

Pipe bends 1311

- BT -Bends (hydraulic)
- RT Encasement
- Flexible pipes
- Head losses
- Pipe design
- Pipe fittings
- Pipe joints
- Pipes
- Piping systems (mechanical)
- Steel pipes
- Tees

Pipe cover 1313.3

- RT Backfills
- Compaction
- Pipe design
- Pipe laying
- Pipelines
- Trenches

Pipe cradles 1313.3

- RT Bedding materials
- Concrete pipes
- Concretes
- Pipe bedding
- Pipe design
- Pipe laying
- Pipes
- Trenches

Pipe design 1313.3

- BT -Design
- RT -Construction materials
- Pipe bedding
- Pipe bends
- Pipe cover
- Pipe cradles
- Pipe fittings
- Pipe flow
- Pipe joints
- Pipe laying
- Pipelines
- Pipe linings
- Pipes
- Pipe tests
- Pipe wrappings

Pipe fittings 1311

- BT -Fittings
- RT Bellmouths
- Couplings
- Flanges
- Flexible couplings
- Flexible pipes
- Head losses
- Hose fittings
- Pipe bends
- Pipe design
- Pipe joints
- Pipes

Piping systems (mechanical)

- Steel pipes
- Taper
- Tee losses
- Tees

Pipe flow 2004

- BT -Closed conduit flow
- Flow
- Fluid flow
- Movement
- RT -Branches
- California pipe method
- Channel flow
- Chemical dilution method
- Critical flow
- Flow patterns
- Fluid friction
- Hydraulic gradient
- Hydraulic radius
- Laminar flow
- Open channel flow
- Orifice flow
- Permissible velocity
- Pipe design
- Pipes
- Salt velocity method
- Steady flow
- Subcritical flow
- Sudden enlargements
- Supercritical flow
- Tees
- Transient flow
- Turbulent flow
- Uniform flow
- Unsteady flow
- Velocity distribution
- Velocity head
- Venturi meters
- Water column separation
- Water hammer

Pipe joints 1305

- BT -Joints (connections)
- RT Bellmouths
- Bolted joints
- Bull joints
- Circumferential joints
- Expansion joints
- Flanges
- Lap joints
- Pipe bends
- Pipe design
- Pipe fittings
- Pipes
- Riveted joints
- Tapered joints
- Welded joints
- Welds

Pipe laying 1313.3

- RT -Anchors
- Backfills
- Bedding materials
- Buried pipes
- Compaction
- Crossings
- Excavation
- Jacking
- Overexcavation
- Pipe bedding
- Pipe cover
- Pipe cradles
- Pipe design
- Pipes
- Trenches

Pipelines 1313.3

- BT -Conduits
- Conveyance structures
- Hydraulic structures
- NT -Laterals
- Submarine pipelines
- RT Alignment
- Aqueducts
- Asbestos-cement pipes
- Bifurcations
- Blowoff structures
- Branches
- Buried irrigation systems
- Buried pipes
- Buried structures
- Capacity reduction
- Cast-in-place pipes
- Cast iron pipe
- Cathodic protection
- Concrete pipes
- Corrosion control
- Crossings

Discharge lines

- Distribution systems
- Encasement
- Entrapped air
- Friction coefficient (hydraulic)
- Hydraulic conduits
- Irrigation design
- Low head
- Manholes
- Noncircular conduits
- Penstocks
- Pipe cover
- Pipe design
- Pipes
- Piping systems (mechanical)
- Plastic pipes
- Pressure conduits
- Pressure pipes
- Pumping
- Pumping plants
- Reinforced plastic pipe
- Ring stiffeners
- Sewerage
- Sewers
- Siphons
- Steel pipes
- Sublaterals
- Sudden enlargements
- Surge tanks
- Taper
- Tee losses
- Tees
- Tile drains
- Transitions (structures)
- Trenches
- Trifurcations
- Vacuum breakers
- Water control
- Water conveyance
- Water distribution (applied)
- Water hammer
- Water pipes
- Water supply
- Water supply systems
- Wye branches

Pipe linings 1311

- RT -Asphalts
- Cements
- Coatings
- Corrosion
- Mortars
- Pipe design
- Pipe wrappings
- Water pipes

Pipes 1311

- BT -Closed conduits
- Conduits
- NT Asbestos-cement pipes
- Buried pipes
- Cast-in-place pipes
- Cast iron pipe
- Clay pipes
- Concrete pipes
- Corrugated metal pipe
- Drain tiles
- Flexible pipes
- Metal pipes
- Plastic pipes
- Pressure pipes
- Pretensioned pipes
- Reinforced plastic pipe
- Rigid pipes
- Rubber pipe
- Steel pipes
- Water pipes

Pipes 1311

- RT Aqueducts
- Bedding materials
- Casings
- Cast-in-place structures
- Circumferential joints
- Copper tubing
- Culverts
- Darcy-Weisbach equation
- Discharge lines
- Distribution systems
- Drainage systems
- Drains
- Ducts
- Encasement
- Flow
- Fluid flow
- Hazen-Williams equation
- Hoop tension
- Hoses
- Hydrants
- Irrigation engineering
- Irrigation systems

Jacking

- Joints (connections)
- Linings
- Manifolds
- Moody resistance diagrams
- Nozzles
- Orifices
- Outlet works
- Penstocks
- Pipe bedding
- Pipe bends
- Pipe cradles
- Pipe design
- Pipe fittings
- Pipe flow
- Pipe joints
- Pipe laying
- Pipelines
- Pipe tests
- Piping systems (mechanical)
- Plastic tubing
- Plumbing
- Pressure conduits
- Sewers
- Siphons
- Sprinkler irrigation
- Storm drains
- Submarine pipelines
- Subsurface irrigation
- Tees
- Tile drains
- Tubes
- Venturi meters
- Water conveyance
- Water hammer
- Well casings
- Wells
- Well screens

Pipe tests 1402

- BT -Materials tests
- Tests
- RT -Absorption
- Compression
- Crushing
- Freeze-thaw tests
- Friction coefficient (hydraulic)
- Hydrostatic pressure
- Leakage
- Nondestructive tests
- Pipe design
- Pipes
- Test machines

Pipe wrappings 1311

- RT Bonding
- Corrosion control
- Insulation
- Mechanical insulation
- Paper
- Pipe design
- Pipe linings
- Protective coatings

Piping (erosion) 0807

- BT -Erosion
- RT Dam breaches
- Dam failure
- Embankment subsidence
- Foundation failure
- Inverted filters
- Leakage
- Relief wells
- Sand boils
- Seepage
- Underseepage

Piping (seepage)

USE Underseepage

Piping systems (mechanical) 1311

- RT Cast iron pipe
- Concrete pipes
- Cooling systems
- Copper tubing
- Drain tiles
- Heat exchangers
- Heating plants
- Hose fittings
- Hoses
- Pipe bends
- Pipe fittings
- Pipelines
- Pipes
- Plastic tubing
- Plumbing
- Powerplants
- Pumping plants

THESAURUS OF TERMS

Piping systems (mechanical) (Con.)

Radiators
Refrigerants
-Rigid tubing
-Rubber tubing
-Tubes

Pesticides 0606

BT -Chemicals
-Fish control agents
-Pesticides
-Poisons
RT -Animal control
Antibiotics (pesticides)
Antimycin A
-Fish
Fish sterilants
Rotenone

Pistons 2110

RT -Internal combustion engines
-Pumps
Reciprocating pumps

Piston samplers 1402

BT -Samplers
-Soil samplers
RT Denison samplers
Drive samplers
Foundation investigations
-Samples
-Sampling
Saturated soils
Sediment sampling
Soil investigations
Undisturbed samples

Pitch (materials) 1107

RT -Asphalts
-Bitumens
-Bituminous materials
Coal tar
-Resins

Pitot pressures 2004

BT -Pressure
RT -Fluid flow
-Pitot tubes
-Pressure measuring instruments
-Velocity
Velocity head

Pitot spheres 2004

BT -Instrumentation
-Pitot tubes
RT -Detectors
Flow measurement
-Flowmeters
-Fluid flow
-Meteorological instruments
Pressure head
-Pressure measuring instruments
-Velocity
Velocity head

Pitot tubes 1402

UF -Instruments (pitot)
BT -Closed conduits
-Conduits
-Instrumentation
-Tubes
NT Pitot spheres
RT -Detectors
Discharge measurement
Flow measurement
-Flowmeters
-Meteorological instruments
Pitot pressures
Porous tube piezometers
-Pressure measuring instruments
-Sensors
-Velocity
Velocity distribution
-Velocity meters
-Water measurement

Pit recharge 0808.1

UF -Recharge pits
BT -Artificial recharge
-Recharge
RT -Basins
Filtration
Groundwater recharge
Infiltration
Percolation
Spreading basins
Water spreading

Pit run materials 1303

BT -Materials

RT Borrow materials
-Earth materials
-Excavation
Gravel pits
-Gravels
Selected materials
Spoil

Pits 1303

NT Gravel pits
Sand pits
Test pits
RT -Borrow areas
Cavities
Drill holes
-Excavation
-Mines
-Open pit mining
Quarries
Soil investigations
Subsurface investigations
Sumps
Test holes
-Trenches

Pitting 1113

RT Anodic protection
Cathodic protection
Cavitation
-Chemical degradation
-Corrosion
-Degradation
-Erosion
Etching
Rusting
-Surface properties

Placer mining 0809

BT -Mining
RT -Alluvial deposits
Dredging
-Glacial deposits
Gold
-Gravels
Hydraulic mining
Miners inch
-Mines
Panning
Sluices
Stream pollution

Placing 1315

RT -Concrete placing
RT Backfills
Bedding materials
-Blankets
-Concretes
-Construction
-Earth materials
-Linings
-Membranes

Plane structures 1313.5

RT Flat plates
Flat surfaces

Plane surveying 0802

BT -Surveying
NT Cadastral surveys
-Topographic surveys
RT Aerial photography
Alignment
Area
Azimuth
Baselines
Bench marks
Boundaries (property)
Direction finding
First order surveys
Geodetic surveys
Horizontal curves
Hydrographic surveys
Locations
-Mapping
Monuments
Offsets
Orientation
Photogrammetry
Position finding
Ranges (distance)
Surveying instruments
-Surveys
-Topographic mapping
Triangulation nets

Planets 0301

BT -Astronomical bodies
NT Earth (planet)
Mars (planet)

RT Astronomy
Solar systems

Plankton 0603.1 0603.2

BT -Aquatic life
NT Beggianoa
Daphnia
Marine lungi
-Nannoplankton
-Phytoplankton
Rotifers
Sea nettles
-Waterfleas
-Zooplankton
RT -Animals
-Aquatic algae
-Aquatic animals
-Aquatic bacteria
-Aquatic drift
-Aquatic fungi
-Aquatic microorganisms
-Aquatic plants
Aquatic productivity
Biomass
Biota
Dystrophy
Eutrophication
Fish food organisms
Floating
-Floating plants
-Marine animals
-Marine plants
Plankton nets
-Plants (botany)
Primary productivity
Scum
Standing crop

Plankton nets 0603.2

BT -Nets
RT -Plankton

Planning 0501

UF Water resources planning
NT City planning
Future planning (projected)
Long-term planning
Management planning
Production planning
Project planning
Short-term planning
RT -Administration
Area re-development
Automation
Budgeting
-Census
Coordination
Creativity
Critical path method
Decision making
Economic efficiency
Economic justification
Estimated benefits
Estimated costs
Estimating
Estimating equations
Financial feasibility
Financing
-Forecasting
Foreign activities
-Governments
Grinding
History
Hydroelectric resources
-Institutions
-Investigations
Laws
Legislation
-Management
-Marketing
-Methodology
Multiple purpose projects
-Networks
Non-structural alternatives
Objectives
-Operations research
Optimization
Organizing
PEP
Phase studies
Preliminary investigations
Preparation
Probability
Production control
-Programs
Progress reports
Project life
-Projects
Purchasing

PLANT GROUPINGS

-Requirements
-Research and development
River basin development
-Routing
Sales
Scheduling
Site selection
Social function
Social mobility
Value engineering
Water allocation (policy)
Water plans
Water resources development
-Zoning

Plans 1407

RT -Charts
-Diagrams
Drawings
-Records
Visual aids

Plant breeding 0603.1

BT -Breeding
RT Agronomy
Crop production
Forestry
-Genetics
Horticulture
Insect resistance
-Plants (botany)
Pollen
-Resistance
Sterility

Plant diseases 0603.1

BT -Diseases
NT Blights
Blotches
Non-parasitic diseases (plant)
Rots
Rusts (fungi)
Scabs
Smuts
Spots
Wilts
RT Agronomy
-Bacteria
Epiphytology
-Fungi
-Mildews
Pathogenic fungi
-Pest control
-Plant pathology
-Plants (botany)
Plant viruses
Pseudomonas
Verticillium

Plant ecology

USE Ecology

Plant efficiencies 1308

BT -Efficiencies
RT -Electric power production
-Industrial plants
Industrial production
Labor
-Management
Performance
-Productivity
-Quality control

Plant groupings 0603.1

Use of a more specific term is recommended

RT -Agronomic crops
-Amphibious plants
-Aquatic plants
-Aquatic weeds
Benthic flora
-Biology
-Cereal crops
-Citrus fruits
-Coniferous trees
-Crops
-Deciduous trees
-Desert plants
-Fiber crops
-Field crops
-Floating plants
Food and cover crops
-Forage grasses
-Forage legumes
Forage mixtures
-Forages
-Fruit crops
-Grasses
Halophytes

PLANT GROWTH

Plant groupings (Con.)

- Horticultural crops
- Industrial crops
- Legumes
- Marsh plants
- Oilseed crops
- Orchards
- Ornamentals
- Phytoplankton
- Pine trees
- Plants (botany)
- Poisonous plants
- Range grasses
- Rooted aquatic plants
- Shrubs
- Specialty crops
- Stone fruits
- Submerged plants
- Sugar crops
- Trees
- Tropical fruits
- Turf grasses
- Vegetable crops
- Vegetation
- Vine crops
- Weeds
- Xerophytes

Plant growth 0603.1

- UF - Growth (plant)
- BT - Growth
- NT - Vegetation regrowth
- RT - Weed growth
- RT - Biology
- Crop production
- Crop response
- Cultures
- Deciduous trees
- Dendrochronology
- Geotropism
- Germination
- Growing period
- Growth rates
- Growth stages
- Height
- Irrigation effects
- Lodging
- Metabolism
- Phenology
- Photoperiodism
- Phototropism
- Plant growth regulators
- Plant growth substances
- Planting management
- Plant morphology
- Plant physiology
- Plant pigments
- Productivity
- Resistance
- Root development
- Root systems
- Seeding
- Soil-water-plant relationships
- Tolerances (plant)
- Viability
- Water requirements

Plant growth regulators 0603.1

(substances which are applied to the plant, excludes fertilizers)

- BT - Chemicals
- RT - Agricultural chemicals
- Biochemistry
- Control
- Flowering
- Herbicides
- Inhibitors
- Metabolism
- Pesticides
- Phytotoxicity
- Plant growth
- Plant growth substances
- Poisons
- Weed growth

Plant growth substances 0603.1

(substances as produced by the plant which alter plant or animal metabolism)

- UF - Plant hormones
- RT - Attractants
- Biochemistry
- Biocontrol
- Competition
- Control
- Exudation
- Flowering
- Inhibitors
- Insect control
- Metabolism

- Phototropism
- Phytotoxicity
- Plant growth
- Plant growth regulators
- Plant pathology
- Plant physiology
- Plants (botany)
- Poisonous plants
- Repellents
- Rhizosphere
- Soil microbiology
- Soil microorganisms
- Toxins
- Weed growth

Plant hormones

USE Plant growth substances

Planting management 0204

- UF - Seedbed preparation
- Seeding (planting)
- BT - Management
- RT - Biology
- Cover crops
- Crop production
- Crop response
- Cultivation
- Environmental effects
- Farm management
- Forest management
- Highway beautification
- Microenvironment
- Pasture management
- Plant growth
- Plants (botany)
- Root development
- Seeding
- Seeds
- Seed treatment
- Soil management
- Soil microbiology
- Vegetation establishment

Plant life

USE Vegetation

Plant morphology 0603.1

- RT - Biology
- Cytological studies
- Environmental effects
- Flowering
- Growing period
- Growth stages
- Plant growth
- Plants (botany)
- Plant tissues
- Rhizomes
- Root systems
- Scads
- Shape
- Structure
- Vascular tissues

Plant pathology 0603.1

- BT - Pathology
- NT - Epiphytology
- RT - Agronomy
- Diseases
- Environmental effects
- Forestry
- Horticulture
- Plant diseases
- Plant growth substances
- Plant physiology
- Plants (botany)
- Plant viruses
- Soil microbiology

Plant physiology 0603.1

- UF - Physiology (plant)
- RT - Aestivation
- Biochemistry
- Biology
- Bioluminescence
- Carbohydrates
- Circulation (plants)
- Cold resistance
- Drought resistance
- Drought tolerance
- Energy conversion
- Environmental effects
- Enzymes
- Germination
- Growing period
- Growth stages
- Irrigation effects
- Metabolism
- Mode of action
- Moisture deficit

- Moisture stress
- Nutrient requirements
- Osmotic pressure
- Photoactivation
- Photoperiodism
- Photosynthesis
- Phototropism
- Physiological ecology
- Plant growth
- Plant growth substances
- Plant pathology
- Plant pigments
- Plants (botany)
- Proteins
- Reproduction (biology)
- Resistance
- Respiration
- Root development
- Root systems
- Stomata
- Tolerances (plant)
- Translocation
- Turgidity
- Vascular tissues
- Water balance

Plant pigments 0603.1

- BT - Pigments
- NT - Chlorophyll
- RT - Color
- Photoactivation
- Photosynthesis
- Plant growth
- Plant physiology

Plant populations 0603.1

- BT - Population
- RT - Aquatic populations
- Succession
- Weed growth

Plants (botany) 0603.1

- UF - Flora
- NT - Vascular plants
- NT - Acid bacteria
- Actinomycetes
- Aerobic bacteria
- Agronomic crops
- Alfalfa
- Algae
- Alligatorweed
- Alsike clover
- Amphibious plants
- Anaerobic bacteria
- Apples
- Aquatic algae
- Aquatic bacteria
- Aquatic fungi
- Aquatic plants
- Aquatic weeds
- Ash trees
- Asparagus
- Azotobacter
- Bacteria
- Bahiagrass
- Balsam fir trees
- Barley
- Beans
- Beggiatoa
- Benthic flora
- Bermudagrass
- Birch trees
- Black locust trees
- Blueberries
- Bluegrasses
- Bristlecone pine trees
- Bromegrass
- Brush
- Bulrush
- Cacti
- Carrots
- Catch crops
- Cattails
- Cereal crops
- Chaparral
- Chara
- Chlamydomonas
- Chlorella
- Chlorophyta
- Chrysophyta
- Citrus fruits
- Clostridium
- Clovers
- Clubmoss
- Coastal bermudagrass
- Coliforms
- Coniferous trees
- Conifers
- Corn (field)
- Cotton
- Cottonwoods
- Cover crops
- Cranberries
- Crimson clover
- Crops
- Cyanophyta
- Dallisgrass
- Dates
- Deciduous trees
- Desert plants
- Diatoms
- Dicots
- Dinoflagellates
- Ditch grass
- Douglas fir trees
- E. coli
- Enteric bacteria
- Euglena
- Euglenophyta
- Ferns
- Ferrobacillus
- Fescues
- Fiber crops
- Field crops
- Fir trees
- Floating plants
- Floating weeds
- Food and cover crops
- Forage grasses
- Forage legumes
- Forage mixtures
- Forages
- Fruit crops
- Fungi
- Grama grasses
- Grand fir trees
- Grapefruit
- Grasses
- Gymnosperms
- Halogelton
- Halophytes
- Hay
- Hemlock trees
- Hickory trees
- Horticultural crops
- Industrial crops
- Jack pine trees
- Johnsongrass
- Juniper trees
- Kentucky bluegrass
- Lactobacillus
- Ladino clover
- Legumes
- Lemons
- Lespedeza
- Lettuce
- Lichens
- Lilac
- Limes
- Loblolly pine trees
- Lodgepole pine trees
- Macadamia
- Maple trees
- Marine algae
- Marine bacteria
- Marine fungi
- Marine plants
- Marsh plants
- Melons
- Merion bluegrass
- Mesquite
- Methane bacteria
- Molds
- Monocots
- Mosses
- Mycobacterium
- Myxobacteria
- Nannoplankton
- Noble fir trees
- Nuisance algae
- Nuts
- Oak trees
- Oats
- Ochromonas
- Odor-producing algae
- Oilseed crops
- Onions
- Oranges
- Orchardgrass
- Orchards
- Ornamentals
- Pacific silver fir trees
- Pathogenic bacteria
- Pathogenic fungi
- Peaches
- Peanuts
- Pecans
- Perennial ryegrass

THESAURUS OF WATER RESOURCES TERMS

THESAURUS OF TERMS

PLATES

Plants (botany) (Con.)

Phaeophyta
Photosynthetic bacteria
-Phreatophytes
-Phytoplankton
-Pine trees
Pinyon pine trees
Poisonous plants
-Pome fruits
Ponderosa pine trees
-Pondweeds
Popcorn
Potatoes
Pseudomonas
-Pyrrophyta
Rabbitbush
-Range grasses
Red clover
Red fir trees
Red pine trees
Reeds
Rhizophyta
Rice
-Rooted aquatic plants
Sagebrush
Sago pondweed
Salmonella
Scenedesmus
Scotch pine trees
Seepwillow
Sessile algae
Sewage bacteria
Shigella
-Shrubs
Snapdragons
Soil algae
-Soil bacteria
Soil fungi
Sorghum
Soybeans
-Specially crops
Sphaerotilus
Standing crop
Stinging nettles
-Stone fruits
Strawberries
Streptococcus
-Submerged plants
Sudangrass
Sugar beets
Sugarcane
-Sugar crops
Sweet corn
Sweet potatoes
Switchgrass
Sycamore trees
Tamarisk
Taste-producing algae
Thermophilic bacteria
Thiobacillus ferrooxidans
Tobacco
Tomatoes
-Trees
Tropical fruits
-Turf grasses
-Vegetable crops
Verticillium
Vetch
-Vine crops
Water hyacinth
-Weeds
Wheat
Wheatgrasses
White-cedar trees
White clover
White fir trees
White pine trees
Widgeon grass
Wild rice
Willow trees
-Xerophytes
Yeasts
Yellow pine trees
RT Agriculture
-Aquatic life
-Benthos
-Biology
Biota
Crop response
-Environmental effects
Epiphytology
-Evapotranspiration
Flowering
Forestry
-Genetics
Greenhouses
Ground cover
-Herbicides
Horticulture
Hydrologic budget

Leaves
-Life cycles
Life expectancy
Lodging
-Microorganisms
-Migration
Periphyton
Phytotoxicity
-Plankton
Plant breeding
-Plant diseases
Plant groupings
Plant growth substances
Planting management
Plant morphology
-Plant pathology
Plant physiology
Plant viruses
Seeding
Seeds
Stemflow
-Succession
-Systematics
Terraces
Turf
Varieties
Vegetation
Vegetation effects
-Vegetation establishment
Vegetation regrowth
Water pollution sources
Wilting

Plant-soil-water relationships
USE Soil-water-plant relationships

Plant tissues 0603.1
NT Bark
Fibers (plant)
Phloem
Tracheids
-Vascular tissues
-Xylem
RT -Biology
Cultures
Cuticle
Epidermis
Flowering
Plant morphology
-Wood

Plant tolerances
USE Tolerances (plant)

Plant viruses 0603.1
BT -Microorganisms
-Viruses
RT Epiphytology
-Plant diseases
-Plant pathology
-Plants (botany)
Viricides

Plant-water-soil relationships
USE Soil-water-plant relationships

Plasma physics 2009
BT -Physics
RT High temperature
High temperature research
Ionization
-Ions
Magnetohydrodynamics

Plaster 1303
BT -Building materials
-Construction materials
RT Anhydrite
Cement grouts
-Cements
Gypsum
Lime
-Mortars

Plastic clays
USE Clays

Plastic coatings 1103
BT -Coatings
-Protective coatings
RT Coal-tar epoxy paints
Epoxy resins
-Paints
-Plastics

Plastic deformation 2012
BT -Deformation
-Mechanical properties
RT Creep

Creep tests
Deformation modulus
Ductility
Elastic deformation
Inelastic action
Plastic failure
-Plasticity
Plastic theory
Shear planes
Soil plasticity
-Strain
Stress relaxation

Plastic failure 2012
BT -Failure
-Failure (mechanics)
-Mechanical properties
RT Creep
Creep tests
Fatigue (materials)
Fatigue tests
Inelastic action
Mudflows
Plastic deformation
-Plasticity
Plastic theory

Plastic flow
USE Creep

Plasticity 2012
BT -Mechanical properties
NT Soil plasticity
RT Brittleness
Cohesion
-Consistency
Creep
Ductility
Fatigue (materials)
Flexibility
Inelastic action
Liquid limit
Plastic deformation
Plastic failure
Plasticity index
Plastic limits
Plastic theory
Rheology
-Soil physical properties
-Soil properties
-Stability
Workability

Plasticity index 0813
BT -Atterberg limits
-Mechanical properties
-Soil properties
RT -Consistency
Index tests
Liquid limit
-Plasticity
Plastic limits
Relative consistency
Soil plasticity
-Soil tests

Plastic limits 0813
BT -Atterberg limits
-Mechanical properties
-Soil properties
RT -Consistency
Index tests
Inelastic action
Liquid limit
-Plasticity
Plasticity index
Relative consistency
Soil plasticity
-Soil tests

Plastic materials
USE Plastics

Plastic pipes 1311
BT -Closed conduits
-Conduits
-Conveyance structures
-Hydraulic structures
-Pipes
RT -Conveyance structures
-Irrigation
-Pipelines
-Plastics
Polyvinyl chloride
Tees
Trickle irrigation
-Vinyl resins
Water pipes

Plastics 1109
UF Plastic materials
BT -Building materials
-Construction materials
-Materials
NT Glass reinforced plastics
-Reinforced plastics
RT Adhesives
Canal linings
Caseins
-Composite materials
Copolymers
-Elastomers
-Films
Impervious membranes
Laminated plastics
-Lining
Plastic coatings
Plastic pipes
Plastic tubing
Polymer concretes
Polymers
-Protective coatings
Reinforced plastic pipe
-Resins
Roofing materials
Synthetic fibers
-Synthetic resins
Synthetic rubber
-Thermoplastic resins
-Thermosetting resins

Plastic theory 2012
BT -Theory
RT -Deformation
Elastic theory
-Engineering mechanics
-Failure (mechanics)
-Mechanics
Plastic deformation
Plastic failure
-Plasticity
-Strain
-Stress
Stress-strain curves
-Structural design
Ultimate loads
Ultimate strength design
Yield line method

Plastic tubing 1311
BT -Closed conduits
-Conduits
-Tubes
RT Copper tubing
Flexible tubing
Hose fittings
-Pipes
Piping systems (mechanical)
-Plastics
Rubber tubing
Trickle irrigation

Platanus occidentalis
USE Sycamore trees

Plate girders 1313.5
BT -Girders
-Structural members
RT -Beams (structural)
-Bolts
Flanges
Hybrid beams
-Plates
Riveting
-Steel plates
Structural steel
-Welding

Plate load tests 1402
BT -Field investigations
-Field tests
-Tests
RT Field data
Foundation bearing tests
Prototype tests
Rock tests
-Soil tests
Stress-strain curves

Plates 1303
NT Batlle plates
Flat plates
Gusset plates
Liner plates
-Steel plates
Thin plates
RT Flanges
Foundation modulus

PLATING

Plates (Con.)

- Plate girders
- Shell structures
- Structural members
- Structural shapes
- Structural steel

Plating 1308

- RT Cladding
- Deposition
- Finishes
- Hard surfacing
- Laminates
- Metal coatings
- Protective coatings
- Substrates

Platinum 0702

- BT Chemical elements
- Metals
- RT Platinum alloys
- Platinum compounds

Platinum alloys 1106

- BT Alloys
- Metals
- RT Platinum

Platinum compounds 0702 0703

- BT Chemical compounds
- RT Platinum

Plays lakes 0808

- BT Bodies of water
- Lakes
- Standing waters
- Surface waters
- RT Arid climates
- Arid lands
- Dry beds
- Lacustrine deposits
- Lake basins
- Lake beds
- Lake morphology
- Lake forms
- Playas
- Semiarid climates
- Shallow water

Playas 0807

- BT Land forms
- RT Depression
- Deserts
- Evaporation
- Lacustrine deposits
- Lake beds
- Lake morphology
- Lakes
- Lake soils
- Playa lakes
- Saline lakes

Playgrounds 0511

- BT Recreation facilities
- RT Facilities
- Landscaping
- Parks
- Recreation
- Schools (education)

Plecoptera

- USE Stoneflies

Pleistocene epoch 0807

- BT Cenozoic era
- Geologic time
- Quaternary period
- RT Glacial geology
- Glaciation
- Paleosols
- Recent epoch

Plerotic water

- USE Groundwater

Plowing 0204

- RT Chiselling
- Cultivation
- Fallowing
- Farm equipment
- Farms
- Land preparation
- Mixers
- Scarifiers

Plugs 1101

- NT Tunnel plugs
- RT Caulking
- Chemical sealants
- Clogging

- Closing
- Closures
- Constrictions
- Dry pack mortar
- Seals (stoppers)
- Water stops

Plug valves 1311

- BT Hydraulic valves
- Valves
- RT Flow control
- Gate valves
- Globe valves
- Head losses
- High pressure valves
- Hollow jet valves
- Sleeve valves

Plumbing 1302.1

- RT Closed conduits
- Disposal
- Domestic wastes
- Pipes
- Piping systems (mechanical)
- Pumping
- Sanitary engineering
- Sewers
- Surges
- Valves
- Water supply systems

Plumblines 1402

- BT Equipment
- Instrumentation
- Measuring instruments
- Test equipment
- RT Sounding

Plunge basins 1313.1

- BT Engineering structures
- Hydraulic structures
- RT Energy dissipation
- Erosion control
- High head
- Pressure distribution
- Riprap
- Scour
- Ski-jump spillways
- Spillways

Plutonic rocks 0807

- BT Crystalline rocks
- Igneous rocks
- Rocks
- NT Diorite
- Gabbro
- Granite
- Pegmatites
- Syenite
- RT Acidic rocks
- Basic rocks
- Intermediate rocks
- Magma
- Ultrabasic rocks
- Volcanic rocks

Plutonium 0702

- BT Chemical elements
- Metals
- NT Plutonium radioisotopes
- Plutonium radioisotopes 1802
- BT Chemical elements
- Isotopes
- Metals
- Plutonium
- Radioisotopes

Pluvial

- USE Rain

Plywoods 1112

- BT Building materials
- Composite materials
- Construction materials
- Laminated wood
- Laminates
- Materials
- Wood
- RT Lumber

Pneumatic systems 1307

- UF Pneumatic valves
- RT Air compressors
- Control equipment
- Control systems
- Flow control
- Measuring instruments
- Process control

- Remote control
- Temperature control
- Transmitters

Pneumatic tired rollers 1303

- UF Rubber tired rollers
- BT Compaction equipment
- Construction equipment
- Equipment
- Rollers
- RT Compaction
- Drum rollers
- Earth handling equipment
- Mobile equipment
- Rolled fills
- Sheepsfoot rollers
- Tamping rollers
- Tires

Pneumatic valves

- USE Pneumatic systems

Poa pratensis

- USE Kentucky bluegrass

Podzols 0807

- BT Acidic soils
- Pedallers
- Soil groups
- Soils
- Soil types
- NT Gray-brown podzolic soils
- Red podzolic soils
- Yellow podzolic soils
- RT Coniferous forests
- Humid climates
- Rain forests
- Subarctic
- Temperate
- Wet climates

Poeciliidae

- USE Livebearers

Poisoning

- USE Poisons

Poisonous plants 0603.1

- UF Noxious plants
- BT Plants (botany)
- RT Algal poisoning
- Algal toxins
- Halogeton
- Plant groupings
- Plant growth substances
- Poisons
- Range management
- Toxins
- Weeds

Poisons 0620

- UF Poisoning
- Toxicants
- BT Chemicals
- NT Acaricides
- Algal toxins
- Algicides
- Antibiotics (pesticides)
- Antihelminthes (pesticides)
- Antiprotozoals (pesticides)
- Avicides
- Bactericides
- Fish toxins
- Fumigants
- Fungicides
- Gametocides
- Herbicides
- Insecticides
- Larvicides
- Molluscicides
- Nematocides
- Ovicides
- Pesticides
- Piscicides
- Post-emergents
- Rodenticides
- Soil sterilants
- Spirochetatocides (pesticides)
- Toxins
- Venoms
- Viricides
- Wood preservatives (pesticides)
- RT Algal control
- Algal poisoning
- Antimycin A
- Chemical warfare
- Contamination
- Hazards
- Inhibitors

- Lethal limit
- Mortality
- Fest control
- Pesticide toxicity
- Phytotoxicity
- Plant growth regulators
- Poisonous plants
- Repellents
- Sterilants
- Systemics
- Toxicity
- Toxic waste disposal
- Weed control

Poisson ratio 2012

- BT Coefficients
- Mechanical properties
- Physical properties
- RT Concrete properties
- Elastic deformation
- Elasticity (mechanical)
- Elastic limit
- Elastic theory
- Elongation
- Modulus of elasticity
- Shear modulus
- Soil pressure
- Strain
- Stress
- Stress-strain curves
- Tensile properties
- Tensile strength
- Tension
- Ultimate tensile strength

Polariscopes 1402

- BT Instrumentation
- Optical instruments
- RT Light
- Optical measurement
- Polarization

Polarity 1407

- RT Dipoles
- Electric fields
- Magnetic fields
- Orientation
- Polarization

Polarization 1407

- RT Boundary layer
- Concentration
- Dielectric properties
- Dipoles
- Electrochemistry
- Electrodes
- Electrolysis
- Electromagnetic waves
- Light
- Membranes
- Optical properties
- Orientation
- Overvoltage
- Polariscopes
- Polarity
- Polarographic analysis
- Reflection
- Refraction

Polarographic analysis 0704

- BT Analysis
- Analytical techniques
- Chemical analysis
- Quantitative analysis
- RT Polarization
- Volumetric analysis

Polar regions 0806

- BT Cold regions
- Regions
- RT Antarctic
- Arctic
- Climatic zones
- Cold weather construction
- Geography
- Subarctic

Policies 0501

- NT Foreign policies
- Public land policy
- Water allocation (policy)
- Water policy
- RT Administration
- Decision making
- Executives
- International compacts
- Irrigation programs
- Laws
- Legislation

THESAURUS OF TERMS

Policies. (Con.)

- Management
- Political aspects
- Political constraints
- Public relations
- Responsibilities
- Water plans

Political aspects 0504

- UF Administration
- Allocations
- Area redevelopment
- Decision making
- Ecology
- Economic impact
- Economics
- Federal government
- Governments
- Industrial relations
- Institutions
- Interstate
- Jurisdiction
- Land use
- Local governments
- Policies
- Political constraints
- Political science
- Public relations
- Regions
- Rehabilitation
- Relative rights
- Relocation
- Resource development
- Social behavior
- State governments
- Water resources development
- Water utilization
- Weather modification

Political constraints 0504

- BT -Constraints
- RT Institutional constraints
- Legal aspects
- Policies
- Political aspects
- Political science
- Public opinion
- Public relations

Political science 0504

- BT -Sciences
- Social sciences
- RT Applied psychology
- Federal jurisdiction
- Foreign policies
- Governments
- History
- Institutions
- International compacts
- International law
- Legislation
- Political aspects
- Political constraints
- Public opinion
- Sociology

Pollen 0603.1

- UF Pollenization
- RT -Air pollution
- Biology
- Cytological studies
- Distribution patterns
- Fertilization
- Flowering
- Palynology
- Particles
- Plant breeding
- Reproduction (biology)
- Sediments
- Spores

Pollenization

- USE Pollen

Pollutant identification 1302.2

- RT -Air pollution
- Air pollution control
- Analytical techniques
- Assay
- Bioassay
- Indicators
- Investigations
- Pollutants
- Soil contamination
- Thermal pollution
- Water pollution
- Water pollution sources

Pollutants 1302.2

- RT -Air pollution

- Air pollution control
- Air pollution effects
- Contamination
- Fallout
- Impurities
- Path of pollutants
- Pesticide residues
- Pollutant identification
- Radioactive contamination
- Radioactive wastes
- Soil contamination
- Stream pollution
- Thermal pollution
- Toxic waste disposal
- Toxins
- Wastes
- Water pollution
- Water pollution control
- Water pollution effects
- Water pollution sources
- Water pollution treatment

Pollution (air)

- USE Air pollution

Pollution (soils)

- USE Soil contamination

Pollution (thermal)

- USE Thermal pollution

Pollution (water)

- USE Water pollution

Pollution abatement 1302

- UF Water pollution abatement
- BT -Abatement
- RT -Air pollution
- Decontamination
- Dust control
- Flow augmentation
- Purification
- Sanitary engineering
- Soil contamination
- Thermal pollution
- Water pollution
- Water pollution control

Pollution control 1302

- BT -Control
- NT Air pollution control
- Water pollution control
- RT -Air pollution
- Flow augmentation
- Sanitary engineering
- Soil contamination
- Stream pollution
- Toxic waste disposal
- Water pollution

Polyester resins 1109

- BT -Resins
- Synthetic resins
- Thermosetting resins
- NT Alkyd resins
- RT Polyurethane resins
- Synthetic fibers

Polyethylene 1109

- BT -Resins
- Synthetic resins
- Thermoplastic resins
- RT -Fibers
- Synthetic fibers

Polymer concretes 1303.1

- BT -Building materials
- Concretes
- Construction materials
- Materials
- RT -Composite materials
- Concrete mixes
- Concrete technology
- Impregnation
- Plastics
- Polymers
- Reinforced concrete

Polymerization 0704

- BT -Chemical properties
- Chemical reactions
- RT Molecular structure
- Monomers
- Polymers

Polymers 0704

- BT -Chemical compounds
- RT Copolymers
- Elastomers

- Molecular structure
- Molecules
- Monomers
- Plastics
- Polymer concretes
- Polymerization
- Resins
- Silicones
- Synthetic resins
- Thermoplastic resins
- Thermosetting resins

Polystictia stelleri

- USE Stellers eider duck

Polystyrene 1109

- BT -Resins
- Styrene resins
- Synthetic resins
- Thermoplastic resins
- Vinyl resins
- RT Synthetic rubber

Polysulfide resins 1109

- BT -Resins
- Synthetic resins
- RT -Elastomers
- Synthetic rubber
- Thermoplastic resins
- Thermosetting resins

Polyurethane resins 1109

- BT -Resins
- Synthetic resins
- RT -Elastomers
- Foam rubber
- Polyester resins
- Porous materials
- Synthetic rubber
- Thermoplastic resins
- Thermosetting resins

Polyvinyl alcohol 1109

- BT -Thermoplastic resins
- Vinyl resins

Polyvinyl chloride 1109

- BT -Resins
- Thermoplastic resins
- Vinyl resins
- RT Plastic pipes

Pome fruits 0204 0603.1

- UF Pyrus species
- BT -Crops
- Dicots
- Fruit crops
- Horticultural crops
- Plants (botany)
- Stone fruits
- NT Apples

Pomoxis species

- USE Sunfishes

Pondage 0808

- RT Dead storage
- Detention reservoirs
- Hydroelectric powerplants
- Ponds
- Water storage

Ponderosa pine trees 0206 0603.1

- UF Pinus ponderosa
- BT -Coniferous trees
- Conifers
- Gymnosperms
- Pine trees
- Plants (botany)
- Trees
- RT Coniferous forests

Ponding 0813

- RT -Dams
- Drainage
- Flooding
- Infiltration
- Land subsidence
- Ponding tests
- Ponds
- Porosity
- Puddling
- Seepage
- Seepage losses
- Shallow subsidence
- Subsidence
- Water spreading
- Water storage

POPULATION

Ponding tests 0813

- BT -Field investigations
- Field tests
- In situ tests
- Tests
- RT Deep subsidence
- Field permeability tests
- Fluorescein
- Footings
- Impervious membranes
- Leaching
- Leakage
- Percolation
- Ponding
- Ponds
- Seepage
- Seepage losses
- Settlement (structural)
- Shallow subsidence

Ponds 0808

- BT -Bodies of water
- Lakes
- Land forms
- Standing waters
- Surface waters
- NT Farm ponds
- Great ponds
- Oxidation lagoons
- Sagponds
- Stock ponds
- Waste stabilization ponds
- RT -Aquatic habitats
- Boundaries (property)
- Depression
- Farms
- Forebays
- Fresh water
- Lake stages
- Limnology
- Multiple purpose reservoirs
- Pondage
- Ponding
- Ponding tests
- Reservoir construction
- Reservoirs
- Water
- Water holes
- Water resources
- Water surface

Pond succession

- USE Lake stages

Pondweeds 0603.1

- UF Potamogeton species
- BT -Aquatic life
- Aquatic plants
- Aquatic weeds
- Floating plants
- Plants (botany)
- Submerged plants
- Submersed weeds
- Weeds
- NT Sago pondweed

Pontoons 1310

- RT -Boats
- Bridges (structures)
- Floats
- Hydraulic structures
- Watertight

Pools (swimming)

- USE Swimming pools

Popcorn 0204 0603.1

- UF Corn (pop)
- BT -Crops
- Grasses
- Horticultural crops
- Monocots
- Plants (botany)
- Specialty crops

Population 0511

- NT Animal populations
- Aquatic populations
- Fish populations
- Human population
- Plant populations
- RT -Aquatic habitats
- Balance of nature
- Biology
- Census
- Community development
- Demand
- Density
- Distribution patterns

POPULATION GROWTH Population (Con.)

- Dystrophy
- Ecology
- Ecotypes
- Environmental effects
- Environmental gradient
- Eutrophication
- Fecundity
- Food chains
- Growth rates
- Manpower
- Migration
- Morbidity
- Mortality
- Oligotrophy
- Persistence
- Productivity
- Radioactivity effects
- Social aspects
- Social behavior
- Standing crop
- Succession
- Supply

Population growth 0511

- RT -Fecundity
- Fertility
- Growth rates
- Man
- Manpower
- Migration
- Mortality
- Productivity
- Sociology

Populus species USE Cottonwoods

Pore air pressure 0813

- BT -Pore pressure
- Pressure
- RT -Air
- Effective stress
- Gases
- Negative pore pressure
- Negative pressure
- Neutral stress
- Pores
- Pore water pressure
- Shear strength
- Soil mechanics

Pore pressure 0813

- BT -Pressure
- NT -Negative pore pressure
- Pore air pressure
- Pore water pressure
- RT -Bubbling pressure
- Capillarity
- Capillary action
- Capillary conductivity
- Capillary pressure
- Capillary water
- Earth dams
- Effective stress
- Hydrostatic pressure
- Internal forces
- Moisture tension
- Negative pressure
- Neutral stress
- Piezometers
- Pores
- Porosity
- Pressure head
- Rapid drawdown
- Shear strength
- Soil compaction
- Soil mechanics
- Soil physical properties
- Soil pressure
- Soil strength
- Soil structure
- Surface tension
- Total stress
- Uplift pressure
- Vertical drains

Pores 1407

- RT -Capillary conductivity
- Caves
- Connate water
- Hydraulic conductivity
- Interstices
- Moisture tension
- Negative pore pressure
- Permeability
- Pore air pressure
- Pore pressure
- Pore size
- Porosity

- Porous materials
- Porous media
- Stomata
- Transpiration

Pore size 1407

- BT -Physical properties
- Size
- RT -Density
- Permeability
- Pores
- Porosity
- Porous materials
- Porous media
- Soil water storage
- Void ratio
- Voids

Pore water pressure 0813

- BT -Pore pressure
- Pressure
- RT -Effective stress
- Hydrostatic pressure
- Negative pore pressure
- Negative pressure
- Neutral stress
- Outflows
- Pore air pressure
- Pressure distribution
- Pressure head
- Shear strength
- Soil mechanics
- Soil water
- Uplift pressure

Porosity 1407

- BT -Physical properties
- RT -Absorption
- Air entrainment
- Air void ratio
- Aquifers
- Buoyancy
- Capillarity
- Compressibility
- Compression curves
- Defects
- Flow
- Geophysical logging
- Impregnation
- Infiltration
- Interstices
- Leakage
- Percolation
- Permeability
- Permeability coefficients
- Piezometry
- Ponding
- Pore pressure
- Pores
- Pore size
- Porous materials
- Porous media
- Rock properties
- Saturated flow
- Seepage
- Soil density
- Soil moisture movement
- Soil physical properties
- Soil properties
- Soil structure
- Soil texture
- Soil water movement
- Specific retention
- Specific surface
- Specific yield
- Storage capacity
- Storage coefficient
- Subsurface drainage
- Texture
- Two-part aquifers
- Voids
- Volume change
- Water storage
- Well logging

Porous materials 1107

- BT -Materials
- NT -Foam
- Foam rubber
- RT -Bubbling pressure
- Cells
- Cellular structures
- Darcys law
- Filler stones
- Gravel pits
- Impregnation
- Lightweight aggregates
- Loose soils

- Polyurethane resins
- Pores
- Pore size
- Porosity
- Porous media
- Vermiculite
- Voids

Porous media 1107

- RT -Aquifers
- Aquifers
- Capillary conductivity
- Connate water
- Diffusivity
- Dupuit-Forchheimer theory
- Filters
- Flow
- Fluid filters
- Hydraulic conductivity
- Interstices
- Laplace equation
- Permeability
- Pores
- Pore size
- Porosity
- Porous materials
- Porous media flow
- Transmissivity

Porous media flow 0808.1

- BT -Flow
- Movement
- NT -Base flow
- Groundwater flow
- Groundwater movement
- RT -Capillarity
- Porous media

Porous tube piezometers 1402

- BT -Instrumentation
- Measuring instruments
- Meters
- Piezometers
- Pressure gages
- Pressure measuring instruments
- RT -Orifices
- Pitot tubes
- Pressure head
- Velocity
- Velocity head

Portable 1407

- RT -Bridges (structures)
- Equipment
- Machines

Port authorities 0504

- RT -Harbors

Portland cements 1303.1

- BT -Cements
- NT -Low alkali cements
- Low heat cements
- Sulfate-resisting cements
- RT -Alkali aggregate reactions
- Building materials
- Cement-aggregate reaction
- Concrete placing
- Concretes
- Concrete technology
- Expanding cements
- Expansive concrete
- False set
- Initial set
- Mass concrete
- Mortars
- Pozzolans
- Set-retarding agents
- Setting (materials)
- Soil cement
- Sulfate attack
- Water-cement ratio

Ports 1407

- UF -Seaports
- RT -Airports
- Apertures
- Cavities
- Ducts
- Harbors
- Navigation
- Orifices
- Outlets
- Vents

Position finding 1302

- UF -Loran
- Range finding
- Shoran

THESAURUS OF WATER RESOURCES TERMS

- RT -Altitude
- Azimuth
- Bearings
- Coordinates
- Direction finding
- Distance
- Elevation
- Geometry
- Locating
- Locations
- Navigation
- Orientation
- Plane surveying
- Sextants
- Stations
- Surveying
- Surveys
- Survey stations
- Theodolites
- Triangulation nets
- Trigonometry

Positive friction 1407

- BT -Friction
- Mechanical properties
- RT -External friction
- Fluid friction
- Friction coefficient (hydraulic)
- Friction coefficient (mechanical)
- Friction piles
- Internal friction
- Negative friction
- Pile friction
- Skin friction

Postclimax 0606

- BT -Climax
- Ecosystems
- Succession

Post-emergents 0606

- BT -Chemicals
- Herbicides
- Pesticides
- Poisons
- RT -Application methods

Post-impoundment 1302.6

- BT -Reservoir stages
- NT -Late impoundment
- RT -Early impoundment
- Ecology
- Habitats
- Impoundments
- Pre-impoundment
- Reservoir fisheries
- Reservoirs
- Streams
- Watersheds (basins)
- Wildlife management

Posttensioning 1308

- BT -Prestressing
- RT -Anchor bolts
- Anchors
- Concrete construction
- Concrete structures
- High strength concretes
- Jacks (mechanical)
- Prestressed concrete
- Prestressed steel
- Prestressing systems
- Pretensioning
- Reinforcement
- Reinforcing steels
- Relaxation (mechanics)
- Rock bolts
- Steel structures
- Stressing cables
- Structural members
- Tensile stress
- Tension

Potable water 1302.1

- UF -Drinking water
- BT -Water
- Water types
- RT -Demineralization
- Desalination
- Domestic water
- Environmental sanitation
- Fresh water
- Nuclear desalting
- Public health
- Reclaimed water
- Water costs
- Water purification
- Water quality
- Water supply systems

THESAURUS OF TERMS

Potable water (Con.)

—Water utilization

Potamogeton species

USE Pondweeds

Potamology 0808

RT —Fluvial morphology
—River basins
—Rivers

Potash

USE Potassium carbonate

Potassium 0702

BT —Alkali metals
—Chemical elements
—Metals
NT Potassium radioisotopes
RT Potassium alloys
Potassium carbonate
—Potassium compounds

Potassium alloys 1106

BT —Alloys
—Metals
RT —Potassium

Potassium carbonate 0702

UF Potash
BT —Carbonates
—Carbon compounds
—Chemical compounds
—Inorganic compounds
—Potassium compounds
RT —Potassium

Potassium compounds 0702 0703

BT —Chemical compounds
NT —Potassium carbonate
RT Chemical dilution method
—Potassium

Potassium radioisotopes 1802

BT —Alkali metals
—Chemical elements
—Isotopes
—Metals
—Potassium
—Radioisotopes
RT Radioactive dating

Potatoes 0204 0603.1

UF Solanum tuberosum
BT —Crops
—Dicots
—Field crops
—Horticultural crops
—Plants (botany)
—Vegetable crops

Potential energy 1407

BT —Energy
RT —Energy transfer
Gravity
Kinetic energy
Mass
—Mechanics
Momentum
Pressure head
—Weight
Work

Potential evaporation 0402

BT —Evaporation
RT Air temperature
Energy balance
Heat transfer
Vapor pressure
Wind speed

Potential evapotranspiration 0808

BT —Evapotranspiration
RT —Evaporation
Transpiration
Vegetation

Potential flow 2004

UF Irrational flow
BT —Flow
—Fluid flow
—Movement
RT Flow nets
Groundwater movement
Heat transmission
—Hydraulics
Rotation

Potential hydropower 1002.1

RT Damsites

—Electric generators
—Electric power production
—Hydraulic turbines
Hydroelectric power
Pumped storage
Reservoir sites
River basin development
Tidal energy
Tidal powerplants

Potential transformers 0905

BT —Electrical equipment
—Transformers
RT Current transformers
Instrument transformers
—Power transformers

Potentiometers 1402

BT —Equipment
—Instrumentation
—Measuring instruments
—Meters
—Test equipment
—Voltage dividers
RT —Electrical properties
—Electric potential
Hydrostatic pressure
Observation wells
—Piezometers
—Resistors
Variable resistors
Voltmeters

Potentiometric level 0803.1

UF Piezometric level
BT —Water levels
RT —Aquifers
Confined water
—Groundwater
—Piezometers
Piezometry
—Water table
—Water wells

Potholes 0807

RT Cavities
Depression
Dugouts
Geomorphology
Scour
Sinkholes
Sinks

Potometers

USE Phytometers

Poultry 0205 0603.2

UF Chickens
Ducks (domestic)
Geese (domestic)
Turkeys
BT —Animals
—Birds
—Domestic animals
—Non-game birds
—Wildlife
RT Agriculture
Animal groupings
Bird types
Farm management
—Farms

Pounds fish per acre 0606

RT Biomass
—Fish
Fish farming
Fish harvest
Number fish per acre

Powders 1407

(excludes explosives)
RT —Clays
—Dust
—Fines
Grain sizes
—Granular materials
Granules
High explosives
Particles

Power 1407

NT —Electric power
Hydroelectric power
Peak power
Standby power
Thermal power
RT Dynamometers
—Electric power production
Electric utilities

—Energy

Power (proprietary)
USE Proprietary power

Power cables 0905

BT —Electric cables
RT Buried cables
Bus (electrical)
—Electric conductors
Stranded conductors
Submarine cables
—Transmission lines
Underground cables
Underwater television

Power dispatching 0901.1

RT —Electric power
Electric power demand
Electric power losses
—Electric power production
Firm energy
Line switching
Load centers
Optimum use
Power loads
Power system operations
—Transmission (electrical)
Transmission loss

Power factor 2003

BT —Electrical properties
RT Capacitance
Electrical impedance
Electrical resistance
Inductance
Reactance

Power failure

USE Electric power failure

Power grids 0901.1

BT —Interconnected systems
RT —Electric power
Electric power distribution
Power interchange
Power pooling
—Transmission (electrical)
Transmission lines

Power head 2004

BT —Head (fluid mechanics)
—Pressure
RT —Hydraulic turbines
Hydroelectric powerplants
—Reservoirs
Tailwater
—Water levels

Powerhouses 1313.4

BT —Engineering structures
—Structures
RT —Buildings
Hydroelectric powerplants
—Nuclear powerplants
—Powerplants
Tidal powerplants
Underground powerplants
—Underground structures

Power interchange 0901.1

RT —Electric power
Electric power distribution
—Interconnected systems
Power grids
Power pooling
—Transmission (electrical)
Transmission lines

Powerline carriers 1702

RT Amplitude modulation
Carrier—current
Carriers
Communication
—Electric conductors
—Electric current
Electric networks
—Instrumentation
Protective relaying
—Transmission lines

Power loads 0901.1

RT —Electric power
Electric power demand
Electric power losses
—Electric power production
Power dispatching
Spinning reserve
—Transmission (electrical)

POWER TRANSFORMERS

Power marketing 0503

BT —Marketing
RT —Economics
—Electric power
Electric power costs
Electric power demand
Electric power industry
—Electric power production
Electric power rates
Firm energy
Sales

Power operation & maintenance

0903
BT —Operation and maintenance
RT —Electrical equipment
—Electric power production
Hydroelectric powerplants
—Maintenance
Maintenance costs
—Management
Operating costs
—Operations
Power system operations
Repairing
Scheduling

Powerplants 1002.1

BT —Industrial plants
NT Dual-purpose nuclear plants
—Electric powerplants
Geothermal powerplants
Hydroelectric powerplants
—Nuclear powerplants
Thermal powerplants
Tidal powerplants
Underground powerplants
RT Approach channels
—Facilities
Forebay dams
—Hydraulic structures
Large structures
Penstocks
Piping systems (mechanical)
Powerhouses
Transmission towers

Power pooling 0901.1

RT —Electric power
Power grids
Power interchange
—Transmission (electrical)

Power shovels

USE Earth handling equipment

Power supplies 0903

RT —Converters (electrical)
Electric batteries
—Electric generators

Power system operations 0903

BT —Operations
RT Electrical engineering
—Electrical equipment
Electrical stability
Electric networks
Electric power costs
Electric power demand
—Electric power failure
Firm energy
Generating capacity
—Interconnected system
Power dispatching
Power operation & maintenance
Power system stability

Power system stability 0901 0903

RT Automatic control
Capacitors
Electrical stability
Electrical studies
—Electric generators
Excitation
Power system operations
Synchronous machines
Transient stability
Voltage regulators

Power transformers 0905

BT —Electrical equipment
—Transformers
NT Autotransformers
RT Current transformers
—Electric motors
Electric reactors
Electrokinetic potential
Extra high voltage
Induced voltage

USE = Use preferred term; UF = Used for; BT = Broader term; NT = Narrower term; RT = Related term.

POWER TRANSMISSION (MECHANICAL)

THESAURUS OF WATER RESOURCES TERMS

Power transformers (Con.)

Installed capacity
Insulating oil
Mobile substations
Potential transformers
Substations (electrical)
Switchyards (electrical)
Transformer oils
—Transmission (electrical)
Ultra high voltage
Voltage regulation
Voltage regulators
Windings (electrical)

Power transmission (mechanical)

1309

RT —Bearings
Bushings
Chains
Clutches (mechanical)
—Couplings
—Drives
—Electric motors
Flexible couplings
Flexible shafts
Gears
—Internal combustion engines
Journal bearings
Keyways
—Motors
—Rotating machines
—Shafts (machinery)
Transmissions (mechanical)
Universal joints
Variable-speed drives

Pozzolans 1303.1

RT —Additives
Alkali aggregate reactions
—Cements
—Concrete additives
—Concretes
—Concrete technology
Fly ash
—Portland cements
Setting (materials)
Volcanic ash

Prairies

USE Grasslands

Prairie soils 0807

BT —Alkaline soils
—Pedallers
—Soil groups
—Soils
—Soil types
RT Chernozems
—Grasslands
Humid climates
Subhumid climates
Temperate

Precambrian eras 0807

BT —Geologic time

Precast concrete 1303

BT —Building materials
—Concretes
—Construction materials
—Materials
RT Architectural concrete
—Buildings
—Concrete construction
—Concrete products
—Concrete structures
Prefabrication
Prestressed concrete
—Prestressing
Prestressing systems
—Reinforced concrete
Steam curing
—Structural design
—Structural members

Precipitable water 0402

BT —Meteorologic water
—Moisture
—Vapor
—Water types
—Water vapor
RT Air circulation
—Atmosphere
Hydrologic cycle
—Meteorology
—Moisture content
—Precipitation (atmospheric)
Sea breezes
Weather patterns

Precipitation (atmospheric) 0402

UF Atmospheric precipitation
BT —Groundwater sources
—Moisture
NT Antecedent precipitation
Drizzle
Effective precipitation
Excessive precipitation
Firm
Graupel
Hail
Induced precipitation
Orographic precipitation
Precipitation excess
Probable maximum precipitation
Rain
Sleet
—Snow
RT —Atmosphere
Chemistry of precipitation
—Climatology
Cloud physics
—Clouds
—Condensation
Cumulonimbus clouds
Cyclones
Depression storage
Droughts
Dry seasons
—Environments
Ephemeral streams
—Erosion
Fallout
Flood estimate
Flood forecasting
—Floods
—Fog
—Groundwater
Groundwater geology
Groundwater hydrology
Humidity
Hydrologic cycle
Hydrologic equation
—Hydrology
Impact (rainfall)
Interception
Large watersheds
Liquid water content
Lysimeters
—Meteorologic water
—Meteorology
Monsoons
Natural recharge
Precipitable water
—Precipitation gages
—Precipitation intensity
Precipitation rate
—Rainfall
Rainfall disposition
Rainfall intensity
Rain gages
—Recharge
River basins
River forecasting
—Runoff
Squalls
—Storms
Supplemental irrigation
—Surface waters
Thunderstorms
—Water
Water balance
Water budget
—Water resources
Water sources
Water supply
—Water supply forecasting
—Water yield
Weather data
Weather forecasting
Weathering
—Weather modification
—Weather patterns
Wet seasons

Precipitation (chemistry) 070

UF Chemical precipitation
BT —Separation
RT —Chemical properties
—Chemical reactions
—Chemistry
Chemistry of precipitation
Coagulants
Coagulation
—Colloids
—Condensation
Crystallization
Electrostatic precipitation
Filtration

Flocculants
Flocculation
Scale prevention
Scaling
—Sedimentation
—Separation techniques
Solubility

Precipitation excess 0402

UF Rainfall excess
BT —Precipitation (atmospheric)
RT Effective precipitation
Excess water (soils)
—Floods
Soil erosion
Surface runoff
Time lag
—Water loss

Precipitation gages 1402

BT —Gages
—Hydrologic instruments
—Instrumentation
—Measuring instruments
NT Rain gages
Snow gages
RT Depth
—Gaging stations
—Hydrometeorological station
—Precipitation (atmospheric)
—Precipitation intensity
Snowfall
Snow management

Precipitation intensity 0402

NT Rainfall intensity
RT —Precipitation (atmospheric)
—Precipitation gages
Probable maximum precipitation
—Rainfall
Rainfall disposition
Rational formula
Runoff coefficient
Runoff forecasting

Precipitation rate 0402

RT Depth
—Precipitation (atmospheric)
—Rainfall

Precise surveys

USE First order surveys

Precimax 0606

BT —Climax
—Ecosystems
—Succession

Precompression

USE Preconsolidation

Preconsolidated soils 0813

BT —Earth materials
—Materials
—Soils
RT Overconsolidation
Preconsolidation
Preloading
Rebound
Soil density
Surcharge

Preconsolidation 0813

UF Precompression
BT —Consolidation
RT Overconsolidation
Preconsolidated soils
Preloading
Rebound
Residual stress
Surcharge
Unconsolidated soils
Underconsolidation

Precooling 2013

RT Ablation
Air conditioning
Contraction
Coolants
Cooling towers
—Environmental engineering
Fans
—Flooding
—Freezing
—Heating
Heat transfer
Melting
Preheating
Quenching

Refrigeration
Supercooling
—Temperature
Temperature control
Thermal stress
Ventilation
Wetting

Predation 0603.2

UF Fish predators
NT Prey fish
RT —Animals
—Birds
Carnivores
Competition
—Ecology
—Fish
Fishkill
Mortality
Secondary productivity

Predicting

USE Forecasting

Prediction

USE Forecasting

Pre-emergents 0606

BT —Chemicals
—Herbicides
—Pesticides
RT —Application methods
—Weed control

Prefabrication 1313.4

RT —Buildings
—Construction
Fabrication
Precast concrete

Preferences (water rights) 0504.1

BT —Prior appropriation
—Water rights
RT Appropriation (water rights)
Beneficial use
Consumptive use (water)
Non-consumptive use
Priorities
Water allocation (policy)

Preheating 2013

RT Air conditioning
Autoclaves
Boiling
Conduction
Convection
—Conversion
—Cooling
Deicing
—Environmental engineering
—Expansion
—Feed water
—Heat
Heat exchangers
—Heating
Heat transfer
—Heat treatment
Ice prevention
Induction heating
Melting
Precooling
Snow removal
Soaking
—Temperature
Temperature control
Thermal stress

Pre-impoundment 0808

BT —Reservoir stages
RT Early impoundment
—Ecology
—Habitats
—Impoundments
—Post-impoundment
Reservoir clearing
Reservoir construction
Reservoir fisheries
—Reservoirs
Reservoir sites
—Streams
—Watersheds (basins)
—Wildlife management

Preliminary investigations 1314

BT —Investigations
RT —Census
Data collections
Economic justification
—Exploration

THESAURUS OF TERMS

Preliminary investigations (Con.)

- Feasibility
- Field investigations
- Foundation investigations
- Geologic investigations
- Planning
- Project planning
- Reconnaissance surveys
- Sampling
- Soil investigations
- Surveys

Preloading 1313.6

- RT -Compressible soils
- Compression
- Construction
- Foundations
- Preconsolidated soils
- Preconsolidation
- Rebound
- Settlement (structural)
- Soil density
- Surcharge
- Unconsolidated soils
- Underconsolidation

Premature stiffening

USE False set

Prepacked concrete 1303.1

- BT -Building materials
- Concretes
- Construction materials
- RT -Concrete construction
- Concrete piles
- Concrete placing
- Concrete technology
- Foundations
- Grouting
- Underwater foundations

Preparation 1407

- RT -Data processing
- Editing
- Education
- Estimating
- Fabrication
- Laboratory tests
- Manufacturing
- Panning
- Surfaces

Prescriptive rights 0504.1

- BT -Water rights
- RT -Groundwater
- Groundwater mining
- Overdraft
- Riparian rights

Preservation 1407

- RT -Additives
- Animal control
- Animals
- Birds
- Conservation
- Control
- Corrosion control
- Curing
- Degradation
- Dehydration
- Drying
- Durability
- Fish and wildlife
- Pest control
- Radiation effects
- Refrigeration
- Resource conservation
- Retardants
- Storage
- Waterproofing
- Weatherproofing
- Wildlife
- Wildlife conservation
- Wood preservatives (pesticides)

Preplit blasting 1315

- BT -Blasting
- RT -Blasts
- Charges (explosives)
- Cuts
- Delay elements (explosives)
- Detonation
- Explosives
- Rock breakage
- Rock excavation
- Smooth wall blasting

Pressed plate footings 1313.6

- BT -Footings
- Foundations

- RT -Belled anchors
- Belled footings
- Grillage footings
- Pull-out tests
- Transmission towers
- Uplift footings
- Uplift resistance

Presses 1309

- RT -Compaction
- Extrusions
- Hammers
- Machine tools

Pressure 1407

- NT -Active pressure
- Atmospheric pressure
- At rest pressure
- Back pressure
- Bearing pressure
- Bubbling pressure
- Capillary pressure
- Confining pressure
- Earth pressure
- Grouting pressure
- High pressure
- Hydraulic pressure
- Hydrodynamic pressure
- Hydrostatic pressure
- Ice pressure
- Intrinsic pressure
- Low pressure
- Negative pore pressure
- Negative pressure
- Osmotic pressure
- Overpressure
- Passive pressure
- Pilot pressures
- Pore air pressure
- Pore pressure
- Pore water pressure
- Power head
- Pressure head
- Rankine pressure
- Rock pressures
- Soil pressure
- Swelling pressure
- Tunnel pressures
- Uplift pressure
- Vapor pressure
- Velocity head
- Water pressure
- Wind pressure
- RT -Air environment
- Artesian aquifers
- Artesian wells
- Autoclaves
- Bulk modulus
- Compressive stress
- Confined water
- Expansive forces
- External forces
- Foundation modulus
- Geysers
- Head losses
- Ice loads
- Impact
- Internal forces
- Isobars
- Load distribution
- Loads (forces)
- Manometers
- Normal stress
- Phase diagrams
- Piezometers
- Piezometry
- Pressure cells
- Pressure conduits
- Pressure distribution
- Pressure drag
- Pressure gages
- Pressure measuring instruments
- Pressure pipes
- Pressure regulators
- Pressure sensors
- Pressure tests
- Pressure tunnels
- Pressure vessels
- Reactions (mechanics)
- Reverse osmosis
- Standpipes
- Stress
- Suction
- Vacuum
- Water hammer
- Weight

Pressure cells 1402

- BT -Cells

- Measuring instruments
- Pressure measuring instruments
- RT -Air traps
- Diaphragms (mechanics)
- Instrumentation
- Piezometers
- Pressure
- Pressure gages
- Pressure regulators
- Pressure sensors
- Pressure tests
- Sensors
- Transducers

Pressure conduits 1313.3

- BT -Conduits
- Conveyance structures
- RT -Air chambers
- Engineering structures
- Hoop tension
- Hydraulics
- Outlet works
- Penstocks
- Pipelines
- Pipes
- Pressure
- Pressure tunnels
- Radial loads
- Submarine pipelines
- Water distribution (applied)

Pressure distribution 1407

- BT -Distribution
- RT -Bearing pressure
- Bellmouths
- Earth pressure
- Load centers
- Load distribution
- Loads (forces)
- Negative pressure
- Passive pressure
- Plunge basins
- Pore water pressure
- Pressure
- Pressure measuring instruments
- Pressure sensors
- Rock pressures
- Soil pressure
- Stress analysis
- Stress concentration
- Stress distribution

Pressure drag 2004

- UF -Pressure resistance
- BT -Drag
- Resistance
- RT -Aerodynamics
- Boundaries (surfaces)
- Flow resistance
- Pressure
- Surfaces

Pressure gages 1402

- BT -Equipment
- Gages
- Hydrologic instruments
- Instrumentation
- Measuring instruments
- Pressure measuring instruments
- Test equipment
- NT -Barometers
- Manometers
- Piezometers
- Porous tube piezometers
- RT -Depth recorders
- Orifice meters
- Pressure
- Pressure cells
- Pressure sensors
- Vacuum apparatus
- Venturi meters

Pressure head 2004

- BT -Head (fluid mechanics)
- Pressure
- RT -Depth
- Energy equation
- Head losses
- Height
- Hydraulic gradient
- Hydraulic pressure
- Hydraulics
- Hydrodynamics
- Hydrostatic pressure
- Hydrostatics
- Jets
- Loads (forces)
- Pilot spheres
- Pore pressure

- Pore water pressure
- Porous tube piezometers
- Potential energy
- Pressure pipes
- Surcharge
- Turbine efficiency
- Uplift pressure
- Water column separation
- Water levels
- Water pressure
- Wells

Pressure measuring instruments

- 1402
- BT -Equipment
- Instrumentation
- Measuring instruments
- Test equipment
- NT -Barometers
- Manometers
- Piezometers
- Porous tube piezometers
- Pressure cells
- Pressure gages
- Venturi meters
- RT -Depth recorders
- Gages
- Hydraulic pressure
- Hydrodynamic pressure
- Laboratory equipment
- Measurement
- Orifice meters
- Pilot pressures
- Pilot spheres
- Pilot tubes
- Pressure
- Pressure distribution
- Pressure regulators
- Pressure sensors
- Transducers
- Vacuum apparatus

Pressure pipes 1313.3

- BT -Closed conduits
- Conduits
- Pipes
- RT -Asbestos-cement pipes
- Hoop tension
- Hydraulics
- Hydrostatic pressure
- Penstocks
- Pipelines
- Pressure
- Pressure head
- Pressure tunnels
- Pretensioned pipes
- Radial loads
- Reinforced plastic pipe
- Steel pipes

Pressure regulators 1311

- BT -Control equipment
- Valves
- RT -Control systems
- Hydrodynamic pressure
- Pressure
- Pressure cells
- Pressure measuring instruments
- Relief valves

Pressure resistance

USE Pressure drag

Pressure sensors 1402

- UF -Cells (pressure)
- Pressure transducers
- BT -Detectors
- Equipment
- Instrumentation
- Sensors
- RT -Laboratory equipment
- Piezoelectric transducers
- Pressure
- Pressure cells
- Pressure distribution
- Pressure gages
- Pressure measuring instruments

Pressure tests 1402

- BT -Materials tests
- Tests
- RT -Air chambers
- Flexible tubing
- Hydrostatic pressure
- In situ tests
- Loading tests
- Percolation tests
- Permeability tests
- Pressure

PRESSURE TUNNELS

Pressure tests (Con.)

- Pressure cells
- Pressure vessels
- Pump tests
- Water pressure

Pressure transducers

- USE Pressure sensors

Pressure tunnels 1313.2

- BT—Conduits
 - Conveyance structures
 - Hydraulic structures
 - Tunnels
 - Underground structures
 - Water tunnels (conveyance)
- RT Diversion tunnels
 - Hoop tension
 - Penstocks
 - Pressure
 - Pressure conduits
 - Pressure pipes
 - Radial loads
 - Tunnel design
 - Tunnel hydraulics
 - Tunnel linings
 - Tunnel plugs
 - Tunnel pressures

Pressure vessels 1402

- BT—Containers
 - Vessels
- RT Autoclaves
 - Boilers
 - Hoop tension
 - Pressure
 - Pressure tests
 - Radial loads
 - Radial stress
 - Tanks (containers)

Prestressed concrete 1303

- BT—Building materials
 - Concrete
 - Construction materials
 - Reinforced concrete
- RT Architecture
 - Buildings
 - Concrete construction
 - Concrete structures
 - Construction
 - Engineering structures
 - Expansive concrete
 - High strength concretes
 - Jacks (mechanical)
 - Mesh reinforcement
 - Posttensioning
 - Precast concrete
 - Prestressed steel
 - Prestressing
 - Prestressing systems
 - Pretensioning
 - Reinforcing steels
 - Relaxation (mechanics)
 - Stress
 - Stressing cables
 - Structural design
 - Structural members
 - Wire

Prestressed steel 1313.5

- BT—Iron alloys
 - Metals
 - Steel
- RT Carbon steels
 - High strength steels
 - Posttensioning
 - Prestressed concrete
 - Prestressing
 - Prestressing systems
 - Reinforcing steels
 - Structural steel

Prestressing 1308

- NT Posttensioning
- Pretensioning
- RT Cables
 - Concrete construction
 - Concrete structures
 - Jacks (mechanical)
 - Precast concrete
 - Prestressed concrete
 - Prestressed steel
 - Prestressing systems
 - Pretensioned pipes
 - Reinforcement
 - Reinforcing steels
 - Relaxation (mechanics)
 - Steel structures

Strength of materials

- Stress
- Stressing cables
- Structural members
- Structural steel
- Wire

Prestressing systems 1308

- RT Posttensioning
 - Precast concrete
 - Prestressed concrete
 - Prestressed steel
- Pretensioning
 - Pretensioned pipes
 - Pretensioning
 - Stressing cables

Pretensioned pipes 1311

- BT—Closed conduits
 - Conduits
 - Pipes
- RT Concrete pipes
 - Pressure pipes
 - Prestressed concrete
 - Pretensioning
 - Prestressing systems
 - Pretensioning

Pretensioning 1308

- BT—Prestressing
- RT Posttensioning
 - Prestressed concrete
 - Prestressing systems
 - Pretensioned pipes

Pre-treatment (water) 1302.1

- BT—Treatment
 - Water treatment
- RT Boiler feed water
 - Industrial water
 - Water treatment plants

Preventive maintenance 1505

- BT—Maintenance
- RT Cleaning
 - Painting
 - Repairing
 - Scale prevention

Prey fish 0603.2

- BT—Animals
 - Aquatic animals
 - Aquatic life
 - Fish
 - Predation
 - Wildlife
- RT Animal groupings
 - Fish types

Prices 0503

- NT Adjusted prices
 - Average prices
 - Competitive prices
 - Equilibrium prices
 - Farm prices
 - Parity prices
- RT Agricultural economics
 - Commerce
 - Cost indexes
 - Costs
 - Demand
 - Discount rate
 - Economic impact
 - Economics
 - Elasticity of demand
 - Elasticity of supply
 - Engineering costs
 - Expenditures
 - Income
 - Interest (finance)
 - Interest rate
 - Market value
 - Payment
 - Pricing
 - Procurement
 - Rates
 - Sales
 - Supply
 - Unit costs
 - Value
 - Water rates

Pricing 0503

- NT Discriminatory pricing
- RT Land appraisal
 - Market value
 - Parity ratios
 - Prices
 - Value

Water rates

- Primary benefits
 - USE Direct benefits

- Primary costs
 - USE Direct costs

Primary productivity 0606

- BT—Ecology
 - Productivity
- RT—Aquatic algae
 - Aquatic microorganisms
 - Cycling nutrients
 - Energy budget
 - Eutrophication
 - Food chains
 - Photosynthesis
 - Plankton
 - Secondary productivity
 - Seston

Primary treatment

- USE Sewage treatment

Prime movers 2112

- RT—Construction equipment
 - Earth handling equipment
 - Hydraulic turbines
 - Internal combustion engines

Primers (coatings) 1103

- BT—Coatings
 - Protective coatings
- RT Enamels
 - Finishes
 - Lacquers
 - Metal coatings
 - Painting
 - Paints
 - Substrates
 - Surface preparation
 - Varnishes

Principal 0503

- RT Capital
 - Credit
 - Economics
 - Finance
 - Financing
 - Interest (finance)
 - Investment

Printing 1405

- RT Color
 - Reproduction (copying)

Prior appropriation 0504.1

- BT—Water rights
- NT Adjudication procedure
 - Appropriation (water rights)
 - Preferences (water rights)
- RT Administrative agencies
 - Beneficial use
 - Civil law
 - Diversion
 - Domestic water
 - Dual system
 - Hydraulic mining water
 - Irrigation
 - Irrigation water
 - Laws
 - Legal aspects
 - Legislation
 - Licenses
 - Litigation
 - Municipal water
 - Permits
 - Priorities
 - Proration
 - Reasonable use
 - Remedies
 - Riparian rights
 - Stock water
 - Surplus water
 - Unappropriated water
 - Water law
 - Water sources
 - Water utilization

Priorities 0504.1

- UF First in time, first in right
- RT Appropriation (water rights)
- Preferences (water rights)
- Prior appropriation
- Proration

Prismatic shapes

- USE Prisms

Prisms 1407

- UF Prismatic shapes
- BT—Geometric shapes
- RT Cones (mathematics)
 - Geometry
 - Optical instruments
 - Optics
 - Shape
 - Spheres

Probability 1407

- BT—Mathematics
- RT—Evaluation
 - Forecasting
 - Planning
 - Sampling
 - Statistical analysis
 - Stochastic models

Probability theory 1201

- RT Correlation
 - Forecasting
 - Game theory
 - Information theory
 - Mathematical models
 - Monte Carlo method
 - Operations research
 - Quality control
 - Reliability
 - Sampling
 - Statistical models
 - Stochastic processes

Probable maximum flood

- USE Maximum probable flood

Probable maximum precipitation

- 0402
- BT—Precipitation (atmospheric)
- RT Cloud physics
 - Design flood
 - Estimating
 - Flood forecasting
 - Hydrographs
 - Hydrology
 - Induced precipitation
 - Maximum probable flood
 - Meteorology
 - Precipitation intensity
 - Rainfall disposition
 - Runoff
 - Synthetic hydrology
 - Weather data
 - Weather forecasting
 - Weather modification

Probes (instruments) 1402

- NT Gamma probes
- Nuclear probes
- RT—Detection
 - Detectors
 - Gages
 - Indicators
 - Laboratory equipment
 - Logging (recording)
 - Measuring instruments
 - Meters
 - Piezoelectric transducers
 - Sensors
 - Sounding
 - Test equipment

Problem solving 0510

- RT Administrative decisions
 - Analysis
 - Computers
 - Decision making
 - Group dynamics
 - Learning
 - Mathematics
 - Reasoning

Procedures 1407

- BT—Methodology
- NT Test procedures
- RT—Formal logic
 - Instruction
 - Legal aspects
 - Manuals
 - Numerical analysis
 - Organizing
 - Processing
 - Scientific method
 - Sequence

Process control 1308

- RT Analog computers
 - Automatic control
 - Automation

THESAURUS OF WATER RESOURCES TERMS

THESAURUS OF TERMS

Process control (Con.)

- Electric switches
- Flow control
- Pneumatic systems
- Quality control
- Recording systems
- Remote control
- Temperature control

Processing 1308

- NT Batch processing (data)
- Data processing
- Data reduction
- Data retrieval
- Data storage

- RT -Batching
- Beneficiation
- Boiling
- Cleaning
- Conversion
- Cooling
- Curing
- Dehydration
- Dewatering
- Electrolysis
- Fabrication
- Fermentation
- Freeze drying
- Hardening
- Heavy media separation
- Industries
- Instruction
- Manuals
- Manufacturing
- Mixing
- Procedures
- Screening
- Synthesis

Proctor curves 0813

- BT -Curves
- Geometric shapes
- RT -Compaction tests
- Construction control
- Density
- Dry density
- Index tests
- Moisture content
- Optimum moisture content
- Rapid compaction control
- Relative density
- Soil compaction
- Soil density
- Soil moisture
- Soil tests

Procurement 0501

- NT Purchasing
- RT -Contract administration
- Contracting
- Contracts
- Costs
- Equipment
- Manpower
- Personnel
- Prices
- Specifications
- Supply

Product evaluation 1308

- BT -Evaluation
- RT -Analysis
- Appraisals
- Inspection
- Measurement
- Performance
- Quality control
- Test procedures

Production 1407

- Use of a more specific term is recommended
- NT Industrial production
- RT -Computer programs
- Consumers
- Critical path method
- Foreign products
- Management
- Manufacturing
- PERT
- Production control
- Production planning

Production (Industrial)

USE Industrial production

Production control 1308

- RT -Codes
- Efficiencies
- Indexes (ratios)

Industrial engineering

- PERT
- Planning
- Production
- Production planning
- Productivity
- Proration
- Purchasing
- Quality control
- Routing
- Scheduling
- Standards
- Systems engineering

Production planning 0501

- BT -Planning
- RT -Consumers
- Critical path method
- Forecasting
- Management
- Personnel
- PERT
- Production
- Production control
- Project planning
- Value engineering

Productivity 1407

- UF Natural increase
- Organic productivity
- NT Aquatic productivity
- Comparative productivity
- Marginal productivity
- Primary productivity
- Secondary productivity
- RT Annual turnover
- Biology
- Biomass
- Competition
- Control
- Crop production
- Dystrophy
- Ecology
- Economic efficiency
- Economics
- Efficiencies
- Environmental effects
- Eutrophication
- Farm management
- Fecundity
- Feeding rates
- Fertilization
- Fish management
- Food abundance
- Food chains
- Food pyramids
- Food webs
- Growing period
- Growth rates
- Harvesting of algae
- Industrial engineering
- Labor savings
- Leadership
- Management
- Materials control
- Morale
- Nutrient requirements
- Oholography
- Oxygen demand
- Performance
- Personnel
- Plant efficiencies
- Plant growth
- Population
- Population growth
- Production control
- Quality control
- Radioactivity effects
- Reliability
- Standing crop
- Time and motion studies
- Trophic level
- Value
- Yield equations

Professional advancement 0509

- RT Abilities
- Careers
- Compensation
- Competition
- Current awareness
- Efficiencies
- Executives
- Human engineering
- Incentives
- Leadership
- Management
- Motivation
- Organization chart

Performance

- Personnel management
- Professional development
- Professional personnel
- Professional societies
- Salaries
- Training

Professional development 0509

- RT Abilities
- Careers
- Education
- Motivation
- Performance
- Personnel management
- Professional advancement
- Professional personnel
- Professional societies
- Scientific personnel
- Scientific societies
- Students
- Technical papers
- Technical societies
- Training

Professional personnel 0509

- BT -Personnel
- NT Architects
- Consulting engineers
- Designers
- Engineering personnel
- Scientific personnel
- RT Careers
- Education
- Employment
- Executives
- Management
- Manpower
- Professional advancement
- Professional development
- Professional societies
- Standards
- Technical societies
- Training
- Universities

Professional societies 0501

- BT -Organizations
- NT Scientific societies
- Technical societies
- RT -Education
- Professional advancement
- Professional development
- Professional personnel
- Publications

Profiles 1407

- NT Backwater profiles
- Curved profiles
- Drawdown curves
- Flow profiles
- Soil profiles
- Streambed profiles
- Water surface profiles
- Wind profiles
- RT Areal
- Boundaries (surfaces)
- Configuration
- Contours
- Distribution patterns
- Geometric shapes
- Graded
- Gradients
- Mapping
- Shape
- Soil surveys
- Strata
- Stratification
- Surfaces
- Surveying
- Surveys
- Thalweg
- Waveforms
- Weather patterns

Profit 0503

- NT Gross profit
- Net profit
- RT -Benefits
- Budgeting
- Costs
- Earnings
- Economic efficiency
- Economic rent
- Economics
- Engineering costs
- Finance
- Financial analysis
- Income

PROJECT FEASIBILITY

- Interest (finance)
- Investment
- Labor savings
- Return (monetary)
- Revenues
- Risks
- Taxes
- Value engineering

Profundal zone 0808

- RT Aphotic zone
- Hypolimnion
- Lakes
- Light penetration

Programmed instruction 0509

- BT -Instruction
- RT -Education
- Learning
- Training

Programming (computer)

USE Computer programming

Programming languages 0902

- UF Computer languages
- BT -Languages
- RT Computer programming
- Computer programs
- Computers
- Computer systems programs
- Data processing
- Digital computers

Programs 1407

(excludes computer programs)

- NT Drainage programs
- RT -Administration
- Budgeting
- Budgets
- Decision making
- Forecasting
- PERT
- Planning
- Project planning
- Projects
- Scheduling
- Training

Programs (computer)

USE Computer programs

Progressive taxes 0503

- BT -Taxes
- RT Assessments

Progress reports 0502

- BT -Documentation
- Reports
- RT -Construction
- Design
- Planning
- Project summaries

Project benefits 0501 0503

- BT -Benefits
- RT Benefit-cost analysis
- Boating
- Direct benefits
- Erosion control
- Fish and wildlife
- Fishing
- Flood control
- Hydroelectric power
- Indirect benefits
- Irrigation
- Municipal water
- Project purposes
- Projects
- Recreation
- Recreation facilities
- River regulation
- Streamflow regulation
- Stream stabilization

Projected planning

USE Future planning (projected)

Project feasibility 0503

- BT -Feasibility
- RT Benefit-cost analysis
- Benefit-cost ratios
- Economic feasibility
- Engineering evaluation
- Feasibility studies
- Financial feasibility
- Project life
- Project planning
- Project purposes

PROJECT LIFE

Project feasibility (Con.)

Technical feasibility

Projections

USE Forecasting

Project life 1314

RT Age
Depreciation
Engineering obsolescence
Financing
-Forecasting
-Planning
Project feasibility
Project planning
Project purposes
-Projects
Scheduling

Project planning 1314

RT -Administration
Benefit-cost analysis
Benefit-cost ratios
-Benefits
-Cost allocation
Cost repayment
-Costs
Cost sharing
Critical path method
Damsites
Design flood
Economic feasibility
-Economics
Electric power surveys
Engineers estimates
-Feasibility
Feasibility studies
Federal project policy
-Field investigations
-Forecasting
Foreign activities
-Investigations
Land settlement
-Legal aspects
Long-term planning
-Management
Marginal benefits
Multiple purpose projects
Optimum development plans
PERT
Preliminary investigations
Production planning
-Programs
Project feasibility
Project life
Project purposes
-Projects
Reconnaissance surveys
-Recreation
Safe yield
Water plans
-Water policy
-Zoning

Project purposes 1314

RT Competing uses
-Conservation
Federal project policy
Multiple purpose projects
Project benefits
Project feasibility
Project life
Project planning
-Projects
-Resource conservation
-Water policy
Water resources development
-Water utilization
-Zoning

Projects 0501

NT Foreign projects
Multiple purpose projects
RT -Administration
-Contracts
Estimating
-Evaluation
Federal project policy
Grants
-Management
Objectives
-Planning
-Programs
Project benefits
Project life
Project planning
Project purposes
-Research and development
Research facilities

Technology

Project summaries 0502

RT Progress reports
-Reports
-Technical writing

Proof tests

USE Acceptance tests

Propagation 1407

NT Wave propagation
RT -Diffraction
-Diffusion
Spraying

Propane 0703

BT -Hydrocarbons
-Organic compounds
RT Coal gas

Propeller meters 1402

BT -Measuring instruments
-Meters
RT -Closed conduits
Flow measurement
Head losses
Open channel flow
Propellers
-Velocity meters
-Water measurement

Propeller pumps 1311

UF Axial flow pumps
BT -Hydraulic machinery
-Machines
-Pumps
-Rotary pumps
RT Centrifugal pumps
Low head
Propellers

Propellers 1309

RT Blades
-Hydraulic turbines
Naval architecture
Propeller meters
Propeller pumps
-Pumps
-Ships
-Turbines

Properties 1407

Use of a more specific term is recommended

NT -Biological properties
-Chemical properties
Concrete properties
Dielectric properties
-Electrical properties
Hydraulic properties
-Hydrologic properties
-Magnetic properties
-Mechanical properties
-Optical properties
-Physical properties
Physicochemical properties
Rock properties
Seismic properties
Soil chemical properties
-Soil physical properties
-Soil properties
-Surface properties
-Tensile properties
-Thermal properties
Water properties
RT Acceptability
-Behavior
Characteristics
-Measurement
Performance

Property boundaries

USE Boundaries (property)

Property values 0503

BT -Value
RT Land acquisition
Real property

Propagation (biological)

USE Reproduction (biology)

Proprietary power 0504.1

UF Power (proprietary)
RT Patents

Proration 0504.1

RT -Prior appropriation

Priorities

Production control
-Regulations

Prospecting

USE Exploration

Protection (electrical) 0901

NT Circuit protection
Protective relaying
RT Air gaps
Capacitors
-Circuit breakers
-Circuits
-Electrical faults
Electrical grounding
Electrical insulation
-Electrical insulators
-Electric cables
Electric fuses
Electric power distribution
Electric reactors
Electric relays
Lightning arresters
Overhead ground wire
Overvoltage
-Transmission lines

Protective coatings 1103

UF Protective treatment
BT -Coatings
NT Coal-tar coating
Plastic coatings
Primers (coatings)
Vinyl-resin coatings
RT Anodizing
Antifouling materials
-Asphalts
Blistering
Coal-tar epoxy paints
-Corrosion
-Corrosion control
Dipping
Enamels
Epoxy resins
-Films
-Finishes
-Finishing
Galvanizing
Hard-surfacing
Holidays (coatings)
Inhibitors
Lacquers
-Linings
Linseed oil
Metal coatings
Moistureproofing
-Paints
Permissible velocity
Pipe wrappings
-Plastics
Plating
Protective coverings
-Rubber
Rust control
-Sealants
Sealing compounds
-Surfacing
Thin films
Varnishes
Waterproofing
Waxes
Weatherproofing
Wood preservatives

Protective coverings 1107

RT Armoring (streambed)
-Coatings
Housings
-Insulation
-Protective coatings
Roots
Shields
Shotcrete
-Vegetal cover

Protective linings

USE Linings

Protective relaying 0901 0903

BT -Protection (electrical)
RT Alternating current
Control systems
Direct current
-Electrical faults
-Electric generators
-Electric motors
Electric relays
Microwaves

-Networks

Overvoltage
Powerline carriers
Reliability
Short circuits
Substations (electrical)
Switchyards (electrical)
System stability (electric)
-Transmission (electrical)
-Transmission lines

Protective treatment

USE Protective coatings

Proteins 0601

BT -Chemical compounds
-Nitrogen compounds
-Organic compounds
NT Caseins
RT Amino acids
Biochemistry
-Carbohydrates
Enzymes
Lipids
-Metabolism
-Nutrients
Peptides
Plant physiology

Protons 2008

BT -Ions
RT Alpha particles
Atoms
Cations
Cosmic rays
Electrons
Neutrons
-Nuclei

Prototypes 1407

RT Hydraulic similitude
-Models
Pilot plants
Prototype tests
Scale effect

Prototype tests 1402

BT -Tests
RT -Analytical techniques
Experimental data
-Field investigations
-Field tests
Foreign tests
-In situ tests
-Model studies
Model tests
Plate load tests
Prototypes
-Research and development
-Similitude
Test procedures
Test results
Theoretical analysis

Protozoa 0603.2

UF Ciliates
BT -Animals
-Invertebrates
-Microorganisms
RT Antiprotozoals (pesticides)
-Aquatic animals
-Aquatic microorganisms
-Parasites
-Soil microorganisms
Thermophilic animals
Water pollution sources

Protozoals (pesticides)

USE Antiprotozoals (pesticides)

Provenance 0808

RT -Sedimentation
-Sediments
Sediment yield

Prunus persica

USE Peaches

Prunus species

USE Stone fruits

Pseudomonas 0603.2

BT -Bacteria
-Microorganisms
-Plants (botany)
RT -Aquatic bacteria
-Aquatic microorganisms
Marine bacteria
Pathogenic bacteria

THESAURUS OF WATER RESOURCES TERMS

THESAURUS OF TERMS

Pseudomonas (Con.)

- Plant diseases
- Soil bacteria

Psychological aspects 0510

- RT Aesthetics
- Applied psychology
- Attitudes
- Decision making
- Education
- Employee relations
- Environmental engineering
- Environments
- Ethics
- Human engineering
- Learning
- Lighting
- Management
- Motivation
- Psychology
- Recreation
- Social aspects
- Social behavior
- Sound

Psychology 0510

- BT -Sciences
- NT Applied psychology
- RT Abilities
- Aesthetics
- Attitudes
- Behavior
- Concentration
- Creativity
- Decision making
- Ethics
- Group dynamics
- Human behavior
- Human engineering
- Leadership
- Morale
- Motivation
- Psychological aspects
- Reasoning
- Recreation
- Value

Psychometrics 1402

- BT -Hygrometry
- Metering
- RT Humidity
- Temperature
- Water content

Psychrometry

- USE Hygrometry

Public acequias 0203.1

- BT -Acequias

Publications 0502

- RT Abstracts
- Annotations
- Bibliographies
- Biographies
- Conferences
- Documentation
- Editing
- Information retrieval
- International hydrological decade
- Libraries
- Professional societies
- Records
- Reports
- Reviews
- Scientific societies
- Tables (data)
- Technical papers
- Technical societies
- Technical writing
- Thesaurus
- Translations

Public benefits 0501 0503

- BT -Benefits
- RT Public opinion

Public health 0605

- BT -Health
- RT -Air pollution
- Air pollution control
- Air pollution effects
- Botulism
- Cities
- Contamination
- Diseases
- Entomology
- Environmental engineering
- Environmental sanitation
- Epidemiology

Epizootology

- Fish toxins
- Floodwater
- Fluoridation
- Fluorides
- Human diseases
- Human pathology
- Landfills
- Legal aspects
- Medicine
- Microbiology
- Morbidity
- Mortality
- Mosquitoes
- Municipalities
- Pest control
- Pesticide residues
- Pesticide toxicity
- Potable water
- Radioactivity effects
- Recreation
- Safety
- Sanitation
- Social aspects
- Soil contamination
- Stream pollution
- Toxicity
- Toxic waste disposal
- Urbanization
- Vectors (biology)
- Viruses
- Water pollution
- Water purification
- Water quality
- Water treatment plants
- Zoonoses

Public land 0504

- BT -Land
- NT -Federal reservations
- Military reservations
- National battlefields
- National forests
- National historic parks
- National historic sites
- National lakeshores
- National memorials
- National monuments
- National parks
- National recreation areas
- National seashores
- Withdrawn lands
- RT Highway beautification
- Indian reservations
- Parks
- Public land policy
- Reclamation
- Recreation facilities

Public land policy 0504

- BT -Policies
- RT -Public land

Public opinion 0511

- RT Aesthetics
- Applied psychology
- Ethics
- Human behavior
- Political constraints
- Political science
- Public benefits
- Public relations
- Questionnaires
- Social aspects

Public relations 0501

- RT Applied psychology
- Employee relations
- Industrial relations
- Management
- Personnel management
- Policies
- Political aspects
- Political constraints
- Public opinion

Public rights 0504.1

- BT -Legal aspects
- RT Litigation
- Right-of-way
- Water law

Public services 0504

- RT Civil service

Public utilities 1302

- BT -Utilities
- NT Electric utilities
- RT City planning

Civil defense

- Civil engineering
- Electric power
- Facilities
- Organizations
- Public utility districts
- Public works
- River basin development
- Water distribution (applied)

Public utility districts 0504

- BT -Regions
- RT -Electric power
- Governments
- Public utilities
- Utilities

Public works 1302

- RT Aqueducts
- Civil service
- Construction
- Contracts
- Conveyance structures
- Dams
- Design
- Distribution systems
- Hydraulic structures
- Hydroelectric powerplants
- Multiple purpose structures
- Parks
- Public utilities
- Right-of-way
- Sewage works
- Sewers
- Water treatment plants
- Waterworks

Puddleducks 0603.2

- BT -Animals
- Aquatic life
- Birds
- Ducks (wild)
- Migratory birds
- Waterfowl
- Wildlife
- RT Animal groupings
- Aquatic animals
- Bird types

Puddling 1315

- BT -Construction methods
- RT -Compaction
- Construction
- Earth materials
- Earthworks
- Hydraulic fill dams
- Hydraulic fills
- Impervious soils
- Mud
- Ponding
- Slurries
- Soil compaction
- Wet condition
- Workability

Public water rights 0504.1

- BT -Water rights
- RT -Civil law
- Riparian rights

Pull-out tests 1402

- BT -Pull tests
- Tests
- RT Anchor bolts
- Anchors
- Belled anchors
- Belled footings
- Bonding strength
- Bond tests
- Field tests
- Footings
- Grillage footings
- In situ tests
- Loading tests
- Loads (forces)
- Pressed plate footings
- Rock tests
- Uplift footings
- Uplift resistance
- Vertical loads

Pull tests 1402

- BT -Materials tests
- Tests
- NT Pull-out tests
- RT Anchor bolts
- Anchors
- Belled anchors
- Rock bolts

PUMPED STORAGE

Uplift resistance

Pulp and paper industry 1308

- UF Paper industry
- BT -Industries
- RT -Forests
- Labels
- Lumbering
- Paper
- Pulp wastes
- Saw mills
- Wood
- Wood wastes

Pulp wastes 1308

- UF Paper pulp wastes
- BT -Industrial wastes
- Wastes
- RT Cellulose
- Chemical wastes
- Fibers (plant)
- Lignins
- Lumbering
- Organic wastes
- Pulp and paper industry
- Saw mills
- Sulfite liquors
- Water pollution sources
- Wood wastes

Pulsating flow 2004

- BT -Flow
- Fluid flow
- Movement
- RT -Frequency
- Impulses
- Mechanical waves
- Natural frequency
- Pulses
- Vibration damping
- Water hammer
- Wave generation
- Waves (water)
- Wave suppressors

Pulses 1407

- RT Cyclic loads
- Frequency
- Impulses
- Mechanical waves
- Natural frequency
- Pulsating flow
- Surges
- Vibration
- Waves

Puts method

- USE Flood routing

Pumice 0807

- UF -Pumices
- BT -Acidic rocks
- Earth materials
- Igneous rocks
- Materials
- Rocks
- Soils
- Volcanic rocks
- RT Abrasives
- Lava
- Lightweight aggregates
- Perlite
- Rhyolite
- Tuff
- Volcanic ash

Pumicites

- USE Pumice

Pumped concrete 1303.1

- BT -Building materials
- Concretes
- Construction materials
- RT Concrete control
- Concrete placing
- Construction methods
- Pumps
- Shotcrete
- Tremie concrete

Pumped storage 1302.6

- BT -Storage
- Water storage
- RT Deriaz pump turbine
- Electric power
- Flow augmentation
- Forebays
- Generator-motors
- Hydroelectric power

PUMPING

Pumped storage (Con.)

- Hydroelectric powerplants
- Potential hydropower
- Pumping
- Pump turbines
- Reservoir capacity
- Reservoir operation
- Reservoir storage
- Reversible turbines
- Tidal energy
- Water supply
- Water supply systems

Pumping 1308

- UF Water pumping
- NT Deep-well pumping
- RT Aquifer tests
- Dewatering
- Drainage
- Drainage systems
- Drawdown
- Drawdown curves
- Electric powerplants
- Flow
- Groundwater depletion
- Groundwater mining
- Groundwater movement
- Hydraulics
- Hydrostatic pressure
- Induced infiltration
- Irrigation systems
- Irrigation wells
- Land subsidence
- Materials handling
- Mixed flow pumps
- Mudjacking
- Overdraft
- Pipelines
- Plumbing
- Pumped storage
- Pumping plants
- Pumps
- Pump turbines
- Recirculating irrigation system
- Rotary pumps
- Safe yield
- Saline water intrusion
- Specific capacity
- Storage
- Subsidence
- Sumps
- Water circulation
- Water column separation
- Water delivery
- Water level fluctuations
- Wells

Pumping plants 1302

- UF Pumping stations
- BT -Industrial plants
- Structures
- RT Approach channels
- Aqueducts
- Buildings
- Drainage
- Entrances (fluid flow)
- Fluid flow
- Forebay dams
- Hydraulic structures
- Irrigation
- Large structures
- Mixed flow pumps
- Outdoors
- Pipelines
- Piping systems (mechanical)
- Pumping
- Pumps
- Pump turbines
- Sewage
- Sewerage
- Vacuum breakers
- Vibration
- Water storage

Pumping stations

- USE Pumping plants

Pumping tests (wells) 0808.1

- BT -Tests
- RT -Aquifers
- Aquifer tests
- Drawdown
- Field permeability tests
- Field tests
- Flow measurement
- In situ tests
- Liquid level gages
- Observation wells
- Pumps
- Recharge

- Them test
- Wells
- Well yield

Pump intakes 1313.1

- BT -Hydraulic structures
- Intakes
- RT -Debris barrier
- Flow measurement
- Intake structures
- Permissible velocity
- Pumps
- Sediment control
- Subatmospheric pressure
- Submergence
- Trashracks

Pumps 1311

- BT -Hydraulic equipment
- Hydraulic machinery
- Machines
- Rotating machines
- NT Centrifugal pumps
- Deriaz pump turbine
- Feed pumps
- Jet pumps
- Mixed flow pumps
- Propeller pumps
- Pump turbines
- Reciprocating pumps
- Rotary pumps
- RT Air compressors
- Axial flow
- Blades
- Compressors
- Control systems
- Drainage engineering
- Ejectors
- Farm equipment
- Gears
- High head
- Hydraulic systems
- Impellers
- Injectors
- Intake structures
- Irrigation design
- Irrigation engineering
- Jets
- Laboratory equipment
- Low head
- Materials handling equipment
- Mechanical equipment
- Outdoors
- Pistons
- Propellers
- Pumped concrete
- Pumping
- Pumping plants
- Pumping tests (wells)
- Pump intakes
- Pump tests
- Rotating components
- Siphons
- Spiral cases
- Sprinkler irrigation
- Turbines
- Vacuum apparatus
- Vanes
- Water conveyance
- Water distribution (applied)
- Wells

Pump tests 1311

- BT -Tests
- RT Chemical dilution method
- Drawdown
- Field permeability tests
- Fluorescein
- Groundwater flow
- Index tests
- Mixed flow pumps
- Performance
- Pressure tests
- Pumps
- Quality control
- Radioisotopes
- Test results
- Wellpoints

Pump turbines 1307.1

- BT -Equipment
- Hydraulic equipment
- Hydraulic machinery
- Hydraulic turbines
- Machines
- Pumps
- Reversible turbines
- Turbines

- NT Deriaz pump turbine
- RT Blades
- Francis turbines
- High head
- Hydroelectric powerplants
- Multiple purpose structures
- Pumped storage
- Pumping
- Pumping plants
- Reaction turbines
- Rotary pumps
- Spiral cases
- Slay rings
- Slay vanes
- Turbine parts
- Turbine wheels

Punched tapes 0902

- BT -Computer storage devices
- Tapes
- RT -Data processing
- Data storage
- Data transmission
- Magnetic tapes

Pungitius species

- USE Sticklebacks

Purchasing 0501 0503

- BT -Procurement
- RT Bids
- Consumers
- Contracts
- Cost savings
- Guarantees
- Planning
- Production control
- Scheduling

Purification 1407

- RT -Abatement
- Aeration
- Beneficiation
- Clarify
- Cleaning
- Concentration
- Contamination
- Crystallization
- Decontamination
- Demneralization
- Desalination
- Dissipation
- Distillation
- Multistage flash distillation
- Nuclear desalting
- Pollution abatement
- Separation
- Solvent extractions

Purification (water)

- USE Water purification

Pyridine pesticides 0606

- BT -Chemicals
- Organic pesticides
- Pesticides

Pyrite 0807

- BT -Minerals
- RT -Iron compounds
- Sulfides

Pyrophyta 0613

- BT -Algae
- Aquatic algae
- Aquatic life
- Aquatic plants
- Plants (botany)
- NT Dinoflagellates
- RT -Aquatic microorganisms

Pyrus malus

- USE Apples

Pyrus species

- USE Pome fruits

- Analytical techniques
- Chemical analysis
- RT -Chromatography
- Colorimetry
- Differential thermal analysis
- Flame photometry
- Gas chromatography
- Infrared spectroscopy
- Materials tests
- Microscopy
- Neutron activation analysis
- Quantitative analysis
- Spectrometry
- Spectroscopy
- Water analysis
- X-ray analysis
- X-ray spectroscopy

Quality control 1308

- BT -Control
- NT Statistical quality control
- Water quality control
- RT Acceptability
- Acceptance tests
- Average
- Codes
- Construction
- Construction control
- Correlation
- Correlation techniques
- Efficiencies
- Errors
- Estimating
- Evaluation
- Field control
- Field investigations
- Field laboratories
- Field tests
- Foreign tests
- Frequency distribution
- Indicators
- Industrial engineering
- Inspection
- Laboratory tests
- Least squares method
- Materials
- Materials control
- Materials engineering
- Materials failure
- Materials tests
- Mechanical properties
- Nondestructive tests
- Normalizing
- Operations research
- Optimization
- Plant efficiencies
- Probability theory
- Process control
- Product evaluation
- Production control
- Productivity
- Pump tests
- Radiographic inspection
- Regression analysis
- Reliability
- Reproducibility
- Sampling
- Scheduling
- Sequential analysis
- Sonic velocity tests
- Specifications
- Standard deviation
- Standards
- Static tests
- Statistical analysis
- Storage
- Test procedures
- Tests
- Tolerances (mechanics)
- Value engineering
- Variability
- Water utilization
- X-ray inspection

Quantitative analysis 0704

- BT -Analysis
- Analytical techniques
- Chemical analysis
- NT Gravimetric analysis
- Polarographic analysis
- RT -Chromatography
- Colorimetry
- Differential thermal analysis
- Gas chromatography
- Materials tests
- Neutron activation analysis
- Qualitative analysis
- Spectroscopy
- Water analysis

THESAURUS OF TERMS

Quantitative analysis (Con.)

- X-ray analysis
- X-ray spectroscopy

Quantum analysis

- USE Quantum mechanics

Quantum mechanics 2010

- UF Analysis (quantum)
- Quantum analysis
- BT -Physics
- RT Nuclear physics
- Waves

Quarries 0809

- BT -Mines
- RT -Blasting
- Borrow areas
- Borrow pits
- Construction materials
- Excavation
- Explosive excavation
- Gravels
- Mining
- Open pit mining
- Pits
- Quarrying
- Riprap
- Rock excavation
- Rock mechanics
- Rocks
- Sand pits
- Selected materials
- Stones

Quarrying 0809

- BT -Excavation
- Mining
- Open pit mining
- RT -Blasting
- Blasts
- Charges (explosives)
- Construction
- Earth handling equipment
- Earthmoving
- Earthworks
- Explosive construction
- Explosive excavation
- Explosives
- Gravel pits
- High explosives
- Mines
- Quarries
- Rock breakage
- Rock crushers
- Rock excavation
- Rock mechanics
- Rocks
- Sand pits
- Smooth wall blasting
- Strip mines
- Stripping

Quartz 0807

- BT -Minerals
- RT Chert
- Silica

Quartzite 0807

- BT -Crystalline rocks
- Metamorphic rocks
- Rocks
- RT Sandstone
- Sedimentary rocks

Quaternary period 0807

- BT -Cenozoic era
- Geologic time
- NT Pleistocene epoch
- Recent epoch
- RT Dendrochronology
- Geomorphology
- Paleohydrology
- Paleolimnology
- Paleontology
- Sea level
- Shores
- Tertiary period

Quays

- USE Docks

Quenching 1308

- RT -Cooling
- Dipping
- Hardening
- Metals treatment
- Precooling
- Saturation
- Submergence

Supersaturation

Overcure

- USE Oak trees

Questionnaires 0502

- RT Public opinion
- Surveys (data collection)

Queueing theory 1202

- BT -Operations research
- Theory
- RT -Mathematical analysis
- Mathematical models
- Mathematics
- Statistical analysis
- Statistical models
- Stochastic processes

Quick clays 0807 0813

- BT -Clays
- Earth materials
- Fines
- Materials
- Soils
- Soil types
- RT -Disturbances
- Foundation failure
- Liquefaction
- Marine clays
- Saturated soils
- Sensitivity
- Soil stability
- Wet condition

Quicksand 0807 0813

- BT -Granular materials
- Sands
- Soils
- Soil types
- RT Artesian water
- Groundwater
- Groundwater flow
- Hydraulic gradient
- Liquefaction
- Marshes
- Sand boils
- Saturated soils
- Soil water
- Springs (water)
- Swamps
- Water table

Rabbitbush 0603.1

- BT -Brush
- Crops
- Dicots
- Horticultural crops
- Phreatophytes
- Plants (botany)
- RT Chaparral
- Desert plants
- Range management
- Weed control

Radar 1709

- NT Meteorological radar
- RT Antennas
- Communication
- Detectors
- Direction finding
- Electromagnetic pulses
- Instrumentation
- Navigation
- Radar reflections
- Radio communication systems
- Remote sensing
- Surveying
- Transmitters
- Weather forecasting
- Weather patterns

Radar equipment 1709

- RT Airborne equipment
- Electronic equipment
- Radar reflections
- Receivers
- Servomechanisms

Radar reflections 1709

- RT -Electromagnetic waves
- Interference
- Radar
- Radar equipment

Radial gates 1313.7

- UF Tainter gates
- BT -Gates
- Hydraulic equipment
- RT Fixed wheel gates
- Floodgates
- Fluid mechanics
- Hoisting machinery
- Outlet works
- Sector gates
- Sluice gates
- Spillway gates
- Spillways

Radial loads 2011

- BT -Loads (forces)
- RT Circumferential stress
- Pressure conduits
- Pressure pipes
- Pressure tunnels
- Pressure vessels
- Radial stress
- Tangential stress

Radial stress 2012

- BT -Stress
- RT Circumferential stress
- Compressive stress
- Normal stress
- Pressure vessels
- Radial loads
- Tangential stress
- Tensile stress

Radiation 1407

- BT -Transport phenomena
- NT Ambient light
- Background radiation
- Beta particles
- Bottom-reflected light
- Cosmic rays
- Elastic waves
- Electromagnetic waves
- Gamma rays
- Infrared radiation
- Noise (sound)
- Radio waves
- Solar radiation
- Thermal radiation
- Ultraviolet radiation
- X-rays

RT

- Albedo
- Alpha particles
- Atmosphere
- Climatology
- Cloud cover
- Conduction
- Dosage
- Emissivity
- Energy
- Energy transfer
- Heating
- Hydrometeorological station
- Irradiation
- Light
- Luminescence
- Meteorology
- Microwaves
- Nuclear physics
- Radiation detectors
- Radiation effects
- Radiation measuring equipment
- Radiation shielding
- Radioactive contamination
- Radioactivity
- Radiography
- Radioisotopes
- Radio signals
- Shielding
- Snowmelt
- Wavelength
- Wave propagation
- Waves

Radiation (alpha)

- USE Alpha particles

Radiation (beta)

- USE Beta particles

Radiation (cosmic)

- USE Cosmic rays

RADIATION MEASUREMENT

Radiation (gamma)

- USE Gamma rays

Radiation (infrared)

- USE Infrared radiation

Radiation (ultrasonics)

- USE Ultrasonics

Radiation (ultraviolet)

- USE Ultraviolet radiation

Radiation damages

- USE Radiation effects

Radiation detectors 1804

- BT -Detectors
- Equipment
- Instrumentation
- Measuring instruments
- Sensors
- Test equipment
- NT Geiger counters
- Photometers
- Scintillation counters
- RT -Meteorological instruments
- Neutron counters
- Radiation
- Radiation hazards
- Radiation measurement
- Radiation measuring equipment
- Radioactive contamination
- Spectrometers

Radiation effects 1502

- UF Radiation damages
- RT -Damages
- Degradation
- Degradation (decomposition)
- Fallout
- Gamma rays
- Hazards
- Irradiation
- Neutrons
- Nuclear energy
- Preservation
- Radiation
- Radiation hazards
- Radioactive contamination
- Radioactive decay
- Radioactive wastes
- Radioactivity
- Radiochemistry
- Shielding
- Toxicity
- X-rays

Radiation hazards 1312

- BT -Hazards
- RT Fallout
- Geiger counters
- Health
- Nuclear fission
- Nuclear moisture meters
- Nuclear safety
- Radiation detectors
- Radiation effects
- Radiation measurement
- Radiation measuring equipment
- Radiation shielding
- Radioactive contamination
- Radioactive waste disposal
- Radioactive wastes
- Radioactivity
- Radiochemistry
- Radioisotopes
- Radiosensitivity

Radiation measurement 1804

- BT -Equipment
- Measuring instruments
- Test equipment
- NT Neutron counters
- RT -Detectors
- Dosage
- Geiger counters
- Meteorological instruments
- Radiation detectors
- Radiation hazards
- Radiation measuring equipment
- Radioactive contamination
- Radioactivity
- Scintillation counters
- Sensors
- Spectrometers
- Test canals

RADIATION MEASURING EQUIPMENT

THESAURUS OF WATER RESOURCES TERMS

Radiation measuring equipment

1804

- BT - Equipment
- Instrumentation
- Measuring instruments
- Test equipment

- NT Geiger counters
- Neutron counters
- Photometers
- Radiometers
- Scintillation counters

- RT - Detectors
- Meteorological instruments
- Neutron counters
- Radiation
- Radiation detectors
- Radiation hazards
- Radiation measurement
- Sensors
- Spectrometers
- Spectrometry

Radiation shielding 1806

- BT - Shielding
- RT Absorbers
- Attenuators
- Electromagnetic shielding
- Neutron absorption
- Nuclear reactors
- Nuclear safety
- Radiation
- Radiation hazards
- Radioactive contamination
- Radioactive wastes

Radiators 1301

- RT - Cooling
- Cooling systems
- Fans
- Heat flow
- Heating
- Heating plants
- Piping systems (mechanical)

Radioactive contamination 1808

- UF Contamination (radiological)
- BT - Contamination
- RT Fallout
- Hazards
- Nuclear explosions
- Nuclear fission
- Nuclear reactions
- Nuclear safety
- Pollutants
- Radiation
- Radiation detectors
- Radiation effects
- Radiation hazards
- Radiation measurement
- Radiation shielding
- Radioactive decay
- Radioactive waste disposal
- Radioactive wastes
- Radioactivity
- Radioactivity effects
- Radiochemistry
- Radioecology
- Radioisotopes
- Shielding
- Toxicity
- Tracers

Radioactive dating 1802

- UF Isotope chronology
- BT - Dating
- Radioactivity techniques
- RT Age
- Carbon radioisotopes
- Geochemistry
- Geologic time
- Half life
- Isotopes
- Potassium radioisotopes
- Radioactive decay
- Radioisotopes
- Uranium radioisotopes

Radioactive decay 1808

- BT - Nuclear reactions
- RT Alpha particles
- Beta particles
- Decomposition
- Gamma rays
- Geiger counters
- Half life
- Isotopes
- Neutrons
- Radiation effects
- Radioactive contamination

- Radioactive dating
- Radioactive tracers
- Radioactive wastes
- Radioactivity
- Radioactivity techniques
- Radioisotopes

Radioactive fallout

USE Fallout

Radioactive isotopes

USE Radioisotopes

Radioactive tracers 1402

- BT - Tracers
- RT - Isotopes
- Mixing length
- Radioactive decay
- Radioactivity
- Radioactivity techniques
- Radiography
- Radioisotopes
- Tracking techniques

Radioactive waste disposal 1807

- BT - Disposal
- Industrial waste treatment
- Waste disposal
- RT Disposal wells
- Radiation hazards
- Radioactive contamination
- Radioactive wastes
- Radiochemistry
- Waste treatment

Radioactive wastes 1807

- UF Nuclear wastes
- BT - Wastes
- RT - Air pollution
- Chemical wastes
- Fallout
- Hazards
- Isotopes
- Nuclear energy
- Nuclear engineering
- Nuclear explosions
- Nuclear powerplants
- Nuclear reactors
- Nuclear safety
- Pollutants
- Radiation effects
- Radiation hazards
- Radiation shielding
- Radioactive contamination
- Radioactive decay
- Radioactive waste disposal
- Radioactivity
- Radioactivity effects
- Radiochemical analysis
- Radiochemistry
- Radioecology
- Radioisotopes
- Sanitary engineering
- Sewage disposal
- Sewage treatment plants
- Sewage works
- Water pollution
- Water pollution sources

Radioactive well logging 1402

- BT - Logging (recording)
- Well logging
- RT Gamma probes
- Geophysical prospecting
- Geophysics
- Radioactivity
- Radioactivity techniques
- Radioisotopes

Radioactivity 1808

- RT Alpha particles
- Background radiation
- Beta particles
- Borehole geophysics
- Fallout
- Gamma rays
- Geophysics
- Half life
- Isotopes
- Neutrons
- Nuclear energy
- Nuclear excavation
- Nuclear fission
- Nuclear meters
- Nuclear physics
- Radiation
- Radiation effects
- Radiation hazards
- Radiation measurement

- Radioactive contamination
- Radioactive decay
- Radioactive tracers
- Radioactive wastes
- Radioactive well logging
- Radioactivity effects
- Radioactivity techniques
- Radiochemical analysis
- Radiochemistry
- Radioecology
- Radiography
- Radioisotopes
- Radiosensitivity
- Radium compounds
- Rock properties
- Soil contamination
- Ultimate disposal
- Water quality

Radioactivity effects 1808

- BT - Effects
- RT Air pollution effects
- Balance of nature
- Damages
- Ecology
- Environmental effects
- Fallout
- Food chains
- Genetics
- Habitats
- Lethal limit
- Population
- Productivity
- Public health
- Radioactive contamination
- Radioactive wastes
- Radioactivity
- Radioactivity techniques
- Radiochemistry
- Radioecology
- Radiosensitivity
- Succession
- Water pollution effects

Radioactivity techniques 1402

- NT Radioactive dating
- Radiochemical analysis
- RT - Analytical techniques
- Nondestructive tests
- Radioactive decay
- Radioactive tracers
- Radioactive well logging
- Radioactivity
- Radioactivity effects
- Radiochemistry
- Radiography
- Radioisotopes
- Tracers
- Well logging

Radiocarbon

USE Carbon radioisotopes

Radiochemical analysis 0705

- BT - Analysis
- Analytical techniques
- Chemical analysis
- Radioactivity techniques
- Radiochemistry
- RT - Chemistry
- Fallout
- Irradiation
- Radioactive wastes
- Radioactivity
- Radioisotopes

Radiochemistry 0705

- BT - Chemistry
- NT Radiochemical analysis
- RT - Isotopes
- Nuclear engineering
- Nuclear magnetic resonance
- Nuclear physics
- Radiation effects
- Radiation hazards
- Radioactive contamination
- Radioactive waste disposal
- Radioactive wastes
- Radioactivity
- Radioactivity effects
- Radioactivity techniques
- Radioecology
- Radioisotopes

Radio communication systems

- 1702
- RT Amplitude modulation
- Antennas
- Communication

- Microwaves
- Radar
- Radio interference
- Radio reception
- Radio relay stations
- Radios
- Radio waves
- Receivers
- Repeaters (communications)
- Telemetry systems
- Television
- VHF

Radioecology 0618

- BT - Ecology
- RT Background radiation
- Biology
- Radioactive contamination
- Radioactive wastes
- Radioactivity
- Radioactivity effects
- Radiochemistry
- Radioisotopes
- Tracers

Radiographic inspection 1402

- BT - Inspection
- Materials tests
- Nondestructive tests
- Radiography
- NT X-ray inspection
- RT Fluoroscopes
- Photography
- Quality control
- X-ray analysis
- X-rays

Radiography 1402

- NT - Radiographic inspection
- X-ray inspection
- RT Fluoroscopes
- Gamma rays
- Nondestructive tests
- Photography
- Radiation
- Radioactive tracers
- Radioactivity
- Radioactivity techniques
- Radioisotopes
- X-ray analysis
- X-ray fluorescence
- X-rays

Radio interference 2014

- BT - Interference
- RT Atmospherics
- Communication
- Disturbances
- Electromagnetic waves
- Electromagnetic waves
- Extra high voltage
- Radio communication systems
- Radio reception
- Radio signals
- Radio waves
- Transmission lines
- Ultra high voltage
- VHF

Radioisotopes 1802

- UF Isotopes (radioactive)
- Radioactive isotopes
- BT - Isotopes
- NT Arsenic radioisotopes
- Cadmium radioisotopes
- Carbon radioisotopes
- Chlorine radioisotopes
- Cobalt radioisotopes
- Gold radioisotopes
- Iodine radioisotopes
- Lead radioisotopes
- Phosphorus radioisotopes
- Plutonium radioisotopes
- Potassium radioisotopes
- Radium radioisotopes
- Sodium radioisotopes
- Strontium radioisotopes
- Thallium radioisotopes
- Tritium
- Uranium radioisotopes
- Zinc radioisotopes
- RT Alpha particles
- Background radiation
- Beta particles
- Carriers
- Chemical elements
- Chemicals
- Fallout
- Gamma rays

THESAURUS OF TERMS

Radionuclides (Con.)

Half life
Marking techniques
Nuclear physics
-Nuclear reactions
Pump tests
-Radiation
Radiation hazards
Radioactive contamination
Radioactive dating
Radioactive decay
Radioactive tracers
Radioactive wastes
Radioactive well logging
Radioactivity
-Radioactivity techniques
Radiochemical analysis
-Radiochemistry
Radioecology
-Radiography
Radionuclides
Stable isotopes
Tagging
-Tracers
Tracking techniques
Water pollution sources
Water properties

Radiometers 1402

BT - Equipment
-Instrumentation
-Measuring instruments
-Radiation measuring equipment
-Test equipment
RT Infrared detectors
Infrared radiation
Photometers
Spectrophotometry
Thermal radiation

Radionuclides 1802

RT - Radionuclides

Radio reception 1702

RT - Interference
Microwaves
Radio communication systems
Radio interference
Radio relay stations
Radios
-Radio signals
-Radio waves
-Receivers
-Television

Radio relay stations 1702

RT Radio communication systems
Radio reception
Telemetry systems
-Television

Radios 1702

RT -Acoustic equipment
High frequency
Radio communication systems
Radio reception
-Receivers
Repeaters (communications)
Telephones
-Television
-Transmitters

Radionuclides 1802

RT Background radiation
Lethal limit
Radiation hazards
Radioactivity
Radioactivity effects

Radio signals 1702

NT VHF
RT Direction finding
High frequency
-Interference
-Radiation
Radio interference
Radio reception
-Radio waves
-Television

Radionuclides 0401

BT - Equipment
-Instrumentation
-Measuring instruments
-Test equipment
-Transmitters
RT -Meteorological instruments
-Meteorology
Telemetry
Weather data

Radio waves 2014

BT -Electromagnetic waves
-Radiation
-Transport phenomena
-Waves
NY Microwaves
RT Atmospherics
Direction finding
High frequency
-Modulation
Radio communication systems
Radio interference
Radio reception
-Radio signals
Solar radiation
-Television
Thermal radiation
VHF
Wavelength

Radium 0702

BT -Alkaline earth metals
-Chemical elements
-Metals
NT Radium radioisotopes
RT Radium compounds

Radium compounds 0702 0703

BT -Chemical compounds
RT Radioactivity
-Radium

Radium radioisotopes 1802

BT -Alkaline earth metals
-Chemical elements
-Isotopes
-Metals
-Radioisotopes
-Radium

Railroad bridges 1313.5

BT -Bridges (structures)
-Engineering structures
RT Arch bridges
Arch trusses
Bascule bridges
Highway bridges
Railroad relocation
Railroads
Suspension bridges
Truss bridges
Wooden bridges

Railroad relocation 1302

BT -Relocation
RT Locating
Locations
Railroad bridges
Railroads
Replacing
Right-of-way
Vehicular tunnels

Railroads 1306

UF Railways
RT Base courses
Borrow pits
-Civil engineering
Crossings
-Embankments
-Engineering structures
-Highways
Locomotives
Railroad bridges
Railroad relocation
Railroad tunnels
Rails
Roadbanks
Tramways
-Transportation

Railroad tunnels 1313.2

BT -Tunnels
-Underground structures
RT -Groundwater
Railroads
-Rock bolts
-Tunnel construction
Tunnel design
Tunnel failure
Tunneling
Tunneling machines
Tunnel linings
Tunnel supports
Vehicular tunnels

Rails 1407

RT -Cranes (hoists)
-Hydraulic gates

Railroads

Railways

USE Railroads

Rain 0402

UF Pluvial
BT -Groundwater sources
-Precipitation (atmospheric)
RT Cloudbursts
Cloud seeding
Debris avalanches
Drizzle
-Erosion
-Floods
Hurricanes
Hydrometeorology
Induced precipitation
Interception
Microenvironment
Mist
Orographic precipitation
Raindrops
-Rainfall
Rainfall intensity
Rain forests
Rain gages
Rain water
Rational formula
-Runoff
Sleet
Soil erosion
-Storms
Thunderstorms
-Tropical cyclones
Typhoons
Water sources
Weather
-Weather modification
Weather patterns

Rainbow trout 0603.2

UF Salmo gairdneri
Steelhead trout
BT -Animals
-Aquatic animals
-Aquatic life
-Cold-water fish
-Fish
-Pan fish
-Salmonids
-Trout
-Wildlife

Raindrops 0402

BT -Drops (fluids)
RT -Condensation
Impact (ra-fall)
Interception
Mist
Nucleation
Rain
-Rainfall
Rain water
Sheet erosion

Rainfall 0402

UF Hydrographs (rainfall)
Rainfall hydrographs
NT Cloudbursts
Simulated rainfall
RT Annual floods
Arid climates
Chemistry of precipitation
-Climatology
Cloud seeding
Depth-area curves
Depth-area-duration analysis
Design storm
Drainage basins
Excessive precipitation
Flash floods
Flood estimate
Flood forecasting
Flood frequency
Flood hydrographs
Flood hydrology
Flood waves
Humid areas
-Hydrographs
Hydrologic cycle
-Hydrology
Hydrometeorology
Hyetographs
Impact (rainfall)
-Intensity
Interception
Isohyets
Large watersheds

Lysimeters

Mass curves
Monsoons
Peak runoff
-Precipitation (atmospheric)
-Precipitation intensity
Precipitation rate
Rain
Raindrops
Rainfall disposition
Rainfall intensity
Rainfall-runoff relationships
Rain gages
Rational formula
River forecasting
-Runoff
Soil erosion
Stemflow
-Storms
Subhumid areas
Throughfall
Time lag
-Watersheds (basins)
-Water supply forecasting

Rainfall disposition 0402

RT Areal
Depth-area curves
Depth-area-duration analysis
Distribution patterns
-Precipitation (atmospheric)
-Precipitation intensity
Probable maximum precipitation
-Rainfall
Rainfall-runoff relationships
Rain gages
-Runoff
Surface runoff

Rainfall excess

USE Precipitation excess

Rainfall hydrographs

USE Rainfall

Rainfall intensity 0402

BT -Intensity
-Precipitation intensity
-Rates
RT Depth-area-duration analysis
Flash floods
Flood hydrographs
Flood peaks
Flood waves
-Meteorology
-Precipitation (atmospheric)
Rain
-Rainfall
-Runoff
Runoff forecasting

Rainfall nuclei

USE Nucleation

Rainfall-runoff relationships 0808

RT Base flow
Depth-area curves
Depth-area-duration analysis
-Discharge (water)
Flood forecasting
-Hydrographs
Infiltration
-Intensity
Maximum probable flood
Overland flow
Percolation
-Rainfall
Rainfall disposition
-Runoff
Runoff coefficient
-Slopes
Storage coefficient
Surface-groundwater relationships
Surface storage
Time lag
Vegetation effects
Water harvesting

Rainfall simulators 1402

BT -Infiltrimeters
RT Induced precipitation
Simulated rainfall
Sprinkler irrigation

Rain forests 0206 0402

BT -Biomes
-Forests
RT Gray-brown podzolic soils
Humid areas

RAIN GAGES

Rain forests (Con.)

Humid climates
Mountain forests
-Podzols
Rain
Red podzolic soils
Subtropic
Temperate
Terrain
Tropic
Wet climates
Wet seasons
Yellow podzolic soils

Rain gages 1402

BT -Equipment
-Gages
-Hydrologic instruments
-Instrumentation
-Measuring instruments
-Meteorological instruments
-Precipitation gages
RT -Gaging stations
-Hydrometeorological station
-Precipitation (atmospheric)
Rain
-Rainfall
Rainfall disposition
Rain water

Rain stimulation

USE Cloud seeding

Rain water 0808

BT -Water types
RT Cisterns
Excess water (soils)
-Floods
Overland flow
Rain
Raindrops
Rain gages
Surface runoff
Water harvesting

Rainy seasons

USE Wet seasons

Ranch ponds

USE Farm ponds

Random processes

USE Stochastic processes

Range finding

USE Position finding

Range grasses 0603.1

BT -Agronomic crops
-Crops
-Field crops
-Forage grasses
-Forages
-Grasses
-Monocots
-Plants (botany)
NT Grama grasses
Wheatgrasses
RT Grazing land
Plant groupings
Range management

Range land

USE Grazing land

Range management 0205

BT -Management
RT Arid lands
Browse utilization
-Brush
Brush control
Carrying capacity
Chaparral
-Conservation
-Desert plants
Forest management
Grazing
Grazing land
-Irrigation practices
Mesquite
Pasture management
Poisonous plants
Rabbitbush
-Range grasses
Ranges
-Resource conservation
-Revegetation
Sagebrush
Soil conservation
Tamarisk

-Vegetation establishment
Vegetation regrowth
Water conservation
-Weed control

Ranges 1407

RT Browse utilization
-Brush
Carrying capacity
Chaparral
-Conservation
-Constraints
Distance
Errors
-Forages
Forest management
-Grasslands
Land use
Optimization
Pasture
-Phreatophytes
Range management
-Resource conservation
Sensitivity
-Succession
-Vegetal cover
Vegetation
Watersheds (divides)

Ranges (distance) 0802

RT Baselines
-Plane surveying
Reaches (distance)
-Stations
-Surveying
-Surveys

Rankine pressure 2011

BT -Pressure
RT Active pressure
-Earth pressure
Passive pressure
-Retaining walls
Soil pressure
-Stress

Rapid compaction control 0613

UF Compaction control (rapid)
Control (rapid compaction)
BT -Control
RT Compaction tests
Dry density
-Earthworks
Field density
-Field tests
-Finegrained soils
-Methodology
-Moisture content
Optimum moisture content
Proctor curves
Soil compaction
Soil density
-Soil moisture
-Soil tests
Test procedures
-Water content

Rapid drawdown 0808.1

BT -Drawdown
RT Canal embankments
-Canals
Dam failure
Drainage systems
-Earth dams
-Failure (mechanics)
Hydraulic pressure
Phreatic lines
-Pore pressure
Relief wells
-Reservoir operation
Rupturing
-Slope stability
-Water wells
-Wells

Rapid excavation 1315

BT -Excavation
RT -Blasting
-Canals
-Construction
-Construction equipment
-Construction methods
Cratering
-Earth handling equipment
Earthmoving
-Excavators
-Explosions
Explosive construction
-Explosive excavation

-Explosives
Harbors
Nuclear excavation
Nuclear explosions
Rock breakage
Rock excavation
Rock mechanics
Tunneling machines
Underground explosions
Underwater explosions

Rapid flow

USE Supercritical flow

Rates 1407

NT Electric power rates
Feeding rates
Flow rates
Growth rates
Loading rate
Rainfall intensity
Rates of application
Sedimentation rates
Strain rate
-Use rates
Water rates
RT Celerity
Current meters
Discount rate
Distribution patterns
Electric utilities
Fluctuation
-Frequency
-Hydrographs
Hydrophase diagrams
Interest rate
Land appraisal
Morbidity
-Payment
-Prices
Recession curves
Safe yield
Salaries
Storage coefficient
-Taxes
-Time
-Utilities
-Velocity
-Water yield

Rates of application 1407

UF Application rates
BT -Rates
RT -Application methods
Chemcontrol
Distribution patterns
Duty of water
-Growth stages
-Irrigation practices
Loading rate
Return flow
Timing
Water delivery
Water distribution (applied)

Rational formula 0808

BT -Formulas
RT -Drainage
-Floods
-Flow
-Intensity
Peak discharge
Peak floods
-Precipitation intensity
Rain
-Rainfall
-Runoff
Runoff coefficient
Time of concentration
-Watersheds (basins)

Ravines 0807

BT -Land forms
RT Arroyos
Canyons
Gullies
Gully erosion
Guts
-Valleys

Rayon 1105

BT -Fibers
RT Cellulose
Synthetic fibers
Textiles

Reaches (distance) 1407

RT -Canals
-Channels

THESAURUS OF WATER RESOURCES TERMS

Distance
Length
-Measurement
Navigation
Ranges (distance)
-Rivers
-Shores
-Streams

Reactance 2003

RT Capacitance
Electrical conductance
Electrical impedance
Electrical resistance
Electrical resistivity
Inductance
Power factor
-Resistance
-Resistivity
Shunt reactors

Reactions (chemical)

USE Chemical reactions

Reactions (mechanics) 2011

RT Impulses
Load distribution
-Loads (forces)
-Pressure
-Stress
-Structural analysis
Structural behavior

Reaction turbines 1307.1

BT -Hydraulic machinery
-Turbines
NT Francis turbines
RT Drift tubes
High head
-Pump turbines
-Reversible turbines
Specific speed
Turbine efficiency
Turbine parts
Turbine runners

Reactors (electric)

USE Electric reactors

Reactors (nuclear)

USE Nuclear reactors

Reaeration 0704

UF Reoxygenation
RT Aeration
Air-water interfaces
Cavitation
Dissolved oxygen
Oxygenation
Oxygen sag
Self-purification
Turbulence
Waste assimilative capacity
-Waste treatment
-Water circulation
-Water quality

Real benefits 0503

BT -Benefits
RT Real costs
Real income

Real costs 1401

BT -Costs
RT Construction costs
Engineering costs
Real benefits
Real income

Real estate

USE Real property

Real income 0503

BT -Income
RT Real benefits
Real costs

Real property 0504

UF Real estate
RT Appraisals
Assessments
-Buildings
Capital
Commerce
-Contracts
-Land
Land acquisition
Land ownership
Land tenure

THESAURUS OF TERMS

RECREATION

Real property (Con.)

Locations
Personal property
Property values
Right-of-way
Value

Reamers 1309

RT Boring machines
Cutting
Drilling equipment
Drills
Hand tools
Machine tools

Reasonable use 0504.1

UF Beneficial purpose
RT Alteration of flow
Artificial use
Compensating uses
Cooling water
Diversion
Domestic water
Fish management
Flood control
Hydraulic mining water
Irrigation water
Municipal water
Natural flow doctrine
Natural use
Obstruction to flow
Prior appropriation
Recreation
Relative rights
Riparian rights
Stock water
Waste disposal
Water pollution
Water utilization
Wildlife conservation

Reasoning 0510

UF Judgment
BT Formal logic
RT Creativity
Decision making
Ideas
Learning
Mathematical logic
Problem solving
Psychology

Rebound 2012

BT Mechanical properties
RT Compression
Consolidation
Elastic deformation
Elasticity (mechanical)
Expansion
Hysteresis
Overconsolidation
Preconsolidated soils
Preconsolidation
Preflooding
Resilience
Springs (mechanical)
Swelling

Recapturing

USE Marking techniques

Receivers 1702

BT Instrumentation
NT Repeaters (communications)
RT Antennas
Detectors
Radar equipment
Radio communication systems
Radio reception
Radios
Semiconductors
Sensors
Telephones
Transmitters

Recent epoch 0807

BT Cenozoic era
Geologic time
Quaternary period
RT Pleistocene epoch

Recession curves 0808

RT Depletion
Drawdown
Groundwater depletion
Hydrographs
Rates
River forecasting
Runoff
Withdrawal

Recharge 0808.1

NT Artificial recharge
Groundwater recharge
Induced infiltration
Natural recharge
Pit recharge
RT Aquifers
Drawdown
Flooding
Groundwater
Groundwater mining
Hydrologic budget
Inflow
Injection
Injection wells
Overdraft
Precipitation (atmospheric)
Pumping tests (wells)
Recharge wells
Reclaimed water
Saline water intrusion
Seepage
Soil water movement
Spreading basins
Strip aquifers
Surface-groundwater relationships
Surface waters
Waste water (pollution)
Water reuse
Water storage
Water supply
Water table
Water wells
Well yield
Zone of saturation

Recharge (groundwater)

USE Groundwater recharge

Recharge pits

USE Pit recharge

Recharge wells 0808.1

BT Water wells
Wells
RT Aquifers
Deep wells
Drainage wells
Drawdown
Groundwater
Groundwater flow
Groundwater recharge
Groundwater sources
Infiltration
Injection
Injection wells
Percolation
Recharge
Salt water carriers
Spreading basins
Two-part aquifers
Underground water storage
Water table

Reciprocal compressors

USE Compressors

Reciprocating pumps 1311

BT Hydraulic machinery
Machines
Pumps
RT Centrifugal pumps
Feed pumps
High pressure
Pistons

Recirculated water 0808

BT Water types
RT Industrial water
Mine water
Reclaimed water
Water reuse
Water salvage
Water utilization

Recirculating irrigation system

0203.1
BT Gravity irrigation
Irrigation systems
RT Diversion loss returns
Drainage programs
Irrigation
Pumping
Return flow
Runoff
Waste water
Water recirculation
Water salvage

Recirculation (water)

USE Water recirculation

Reclaimed water 1302.1

BT Water
Water types
RT Diversion loss returns
Effervescence
Effluent reuse
Effluents
Potable water
Recharge
Recirculated water
Waste water (pollution)
Water quality
Water recirculation
Water reuse
Water salvage
Water sources
Water treatment
Water treatment plants

Reclamation 1407

NT Land reclamation
Soil reclamation
Waste water use
Water reuse
RT Conservation
Economics
Irrigation
Public land
Recovery
Renovating
Salvage
Soil conservation
Water salvage

Reclamation (soil)

USE Land reclamation

Reclamation (waste water)

USE Water reuse

Reclamation (water)

USE Water reuse

Reclamation states 0504

RT Arid lands
Arizona
California
Colorado
Idaho
Kansas
Montana
Nebraska
Nevada
New Mexico
North Dakota
Oklahoma
Oregon
South Dakota
Texas
Utah
Washington
Wyoming

Recommendations 0501

RT Communication
Comparative studies
Criteria
Decision making
Feasibility studies
Reports

Reconnaissance

USE Surveys

Reconnaissance surveys 0802

BT Surveys
RT Aerial photography
Aerial reconnaissance
Aerial surveys
Geological surveys
Geologic investigations
Geophysical prospecting
Mapping
Photogeology
Photogrammetry
Preliminary investigations
Project planning
Site selection
Soil investigations
Soil surveys
Surveying
Topographic surveys

Recording apparatus

USE Recording systems

Recording systems 1403

UF Apparatus (recording)
Instruments (recording)
Recording apparatus
BT Instrumentation
NT Borehole cameras
Cameras
Depth recorders
Drill hole TV cameras
RT Automatic control
Control equipment
Control systems
Counters
Data collection systems
Detectors
Digital recording
Electrical equipment
Electronic equipment
Gages
Liquid level gages
Logging (recording)
Magnetic tapes
Measuring instruments
Meteorological instruments
Neutron counters
Oscillographs
Process control
Remote control
Sensors
Systems engineering
Test equipment
Test machines
Thermographs

Records 0502

NT Logs
RT Streamflow records
Climatic data
Data collections
Data storage
Documentation
Drawings
History
Hydrologic data
Plans
Publications
Reports
Report writing
Tables (data)
Technical writing
Translations

Recovery 1407

RT Core drilling
Cores
Reclamation
Salvage
Sampling

Recreation 0511

UF Outdoor recreation
NT Boating
Camping
Cruises
Ice skating
Skiing
Sport fishing
Surf-boarding
Surf-casting
Swimming
Water skiing
Water sports
Winter sports
RT Beaches
Beneficial use
Benefits
Economic impact
Economics
Fishing
Forest management
Golf courses
Hunting
Land use
Multiple purpose projects
Multiple purpose reservoirs
National parks
Natural resources
Non-consumptive use
Outdoors
Parks
Playgrounds
Project benefits
Project planning
Psychological aspects
Psychology
Public health
Reasonable use
Recreation demand
Recreation facilities

RECREATION DEMAND

Recreation (Con.)

- Recreation wastes
- Reservoir operation
- Reservoirs
- Riparian rights
- Safety
- Scenery
- Scenic highways
- Scuba diving
- Social aspects
- Social behavior
- Social impact
- Sociology
- Sport fish
- Swimming pools
- Tourism
- Transportation
- Use rates
- Water allocation (policy)
- Water policy
- Water quality
- Water utilization
- Wild rivers

Recreation demand 0511

- UF Demand schedule (recreation)
- BT -Demand
- RT -Recreation
- Social needs
- Social participation
- Water demand

Recreation facilities 0511

- BT -Facilities
- NT Camp sites
- Playgrounds
- Swimming pools
- RT -Beaches
- Boat-launching ramps
- Camping
- Employee relations
- Flood plain zoning
- Fringe benefits
- Golf courses
- Landscaping
- Marinas
- Morale
- National parks
- Parks
- Project benefits
- Public land
- Recreation
- Reservoirs
- River basin development
- Skiing

Recreation wastes 1302.1

- BT -Wastes
- RT -Camping
- Disposal
- Recreation
- Waste disposal

Rectangular conduits 1313.1

- BT -Conduits
- Conveyance structures
- Hydraulic structures
- Noncircular conduits
- RT Bellmouths
- Chutes
- Culverts
- Entrances (fluid flow)
- Flumes

Rectangular weirs 1402

- BT -Weirs
- RT Approach channels
- Broad-crested weirs
- Cipolletti weirs
- Discharge measurement
- Flow measurement
- Sharp crested weirs
- Staff gages
- Submerged weirs
- Vee-notched weirs
- Weir crests
- Weir gages
- Weir ponds

Rectification (channel)

- USE Channel improvements

Rectification (river)

- USE River training

Rectifiers 0905

- UF Electric rectifiers
- BT -Electrical equipment
- Inverters
- RT Alternating current

-Converters (electrical)

- Diodes
- Direct current
- Electron tubes
- Phase control
- Semiconductors
- Thyristors
- Transistors

Recurrence intervals

- USE Periodic variations

Red algae

- USE Rhodophyta

Red clover 0204 0503.1

- UF Trifolium pratense
- BT -Agronomic crops
- Clovers
- Crops
- Dicots
- Field crops
- Forage legumes
- Forages
- Horticultural crops
- Legumes
- Plants (botany)
- RT Hay
- Silage

Redeye bass

- USE Bass

Red fir trees 0206 0603.1

- UF Abies magnifica
- BT -Coniferous trees
- Conifers
- Gymnosperms
- Plants (botany)
- Trees
- RT Coniferous forests

Redhead duck 0603.2

- UF Aythya americana
- BT -Animals
- Aquatic life
- Birds
- Ducks (wild)
- Migratory birds
- Waterfowl
- Wildlife

Redox potential

- USE Oxidation-reduction potential

Red pine trees 0206 0603.1

- UF Norway pine trees
- Pinus resinosa
- BT -Coniferous trees
- Conifers
- Gymnosperms
- Pine trees
- Plants (botany)
- Trees
- RT Coniferous forests

Red podzolic soils 0807

- BT -Acidic soils
- Pedallers
- Podzols
- Soil groups
- Soils
- Soil types
- RT Coniferous forests
- Humid climates
- Rain forests
- Subtropic
- Wet climates
- Yellow podzolic soils

Red tide 0603.2

- RT Dinoflagellates
- Fish toxins
- Marine algae
- Mortality
- Sea water
- Water pollution sources

Reducing agents 0702 0703

- UF Agents (reducing)
- BT -Chemicals
- RT Hydrogen
- Hydrogen sulfide
- Oxidizers
- Reduction (chemical)

Reduction 1407

- (excludes reduction (chemical))
- NT Data reduction

RT -Abatement

- Attenuation
- Concentration
- Consolidation
- Contraction
- Cost savings
- Damping
- Deceleration
- Decontamination
- Depletion
- Depreciation
- Depression
- Dilution
- Dissipation
- Optimization
- Reduction (chemical)
- Retarding
- Shrinkage

Reduction (chemical) 0702 0703

- BT -Chemical reactions
- RT Electrolysis
- Oxidation
- Oxidation-reduction potential
- Oxidizers
- Reducing agents
- Reduction

Reeds 0603.1

- BT -Grasses
- Plants (botany)
- RT -Fibers
- Fibers (plant)

Reefs 0806 0810

- BT -Land forms
- RT Atolls
- Banks
- Carbonate rocks
- Coral
- Geomorphology
- Limestone
- Sand bars
- Sedimentary rocks
- Sedimentation
- Sediment concentration
- Shallow water
- Shoals

Reflection 1407

- UF Reflectors
- RT -Acoustics
- Deflection
- Diffusion
- Electromagnetic waves
- Light
- Light waves
- Mirrors
- Optical measurement
- Optics
- Polarization
- Reflectivity
- Refraction
- Scattering
- Seismic investigations
- Seismic waves
- Sound waves
- Wave propagation
- Waves

Reflectivity 1407

- BT -Electromagnetic properties
- Optical properties
- Physical properties
- Surface properties
- RT Albedo
- Light
- Light waves
- Reflection

Reflectors

- USE Reflection

Reforestation 0206

- BT -Revegetation
- Vegetation establishment
- RT Forest management
- Land development
- Land management
- Natural resources

Refraction 1407

- UF Refraction index
- Refraction properties
- NT Refraction (water waves)
- Seismic refraction
- RT Conduction
- Deflection
- Diffraction

Distortion (optics)

- Lenses (optical)
- Light
- Light waves
- Optical measurement
- Optics
- Polarization
- Reflection
- Refractivity
- Seismic investigations
- Seismic waves
- Waves
- Wave velocity

Refraction (water waves) 2004

- BT -Refraction
- RT -Currents (water)
- Refractivity
- Shallow water
- Waves (water)

Refraction index

- USE Refraction

Refraction properties

- USE Refraction

Refractive index

- USE Refractivity

Refractivity 2006

- UF Index of refraction
- Refractive index
- BT -Physical properties
- RT Light waves
- Opacity
- Optical properties
- Refraction
- Refraction (water waves)

Refractory metals 1106

- BT -Metals
- NT Molybdenum
- Niobium
- Tungsten
- RT Chromium
- Gold
- Heat resistance (materials)
- Heat resistant alloys
- Vanadium

Refrigerants 1301

- RT Air conditioning
- Ammonia
- Brines
- Coolants
- Cooling systems
- Dry ice
- Ice
- Piping systems (mechanical)
- Refrigeration
- Refrigerators

Refrigeration 1301

- UF Refrigeration systems
- RT Air conditioning
- Compressors
- Condensation
- Coolants
- Cooling
- Cryogenics
- Cryology
- Freeze-thaw tests
- Freezing
- Heat transfer
- Ice
- Low temperature
- Precooling
- Preservation
- Refrigerants
- Refrigerators
- Temperature control
- Temperature sensors
- Ventilation
- Water cooling

Refrigeration systems

- USE Refrigeration

Refrigerators 1301

- RT -Cooling
- Cooling systems
- Deicing
- Freezing
- Refrigerants
- Refrigeration

Refuse

- USE Wastes

THESAURUS OF TERMS

RELATIVE DENSITY

Refuse disposal 1302.1

- BT - Disposal
- RT Garbage
 - Garbage dumps
 - Incineration
 - Incinerators
 - Insect control
 - Sanitary engineering
 - Sewage disposal
 - Sewage treatment plants
 - Sewage works
 - Waste disposal

Regime 0808

- RT Alluvial channels
 - Banks
 - Beds
 - Canals
 - Channel morphology
 - Channels
 - Equilibrium
 - Flow
 - Flow profiles
 - Graded
 - Hydraulics
 - Regimen
 - Regime theory
 - Slopes

Regimen 0808

- RT Ablation
 - Channels
 - Hydrologic cycle
 - Melting
 - Regime
 - Stability
 - Streamflow regulation
 - Streams

Regime theory 0808

- BT - Theory
- RT Alluvial channels
 - Alluvial streams
 - Canal design
 - Irrigation canals
 - Regime
 - Sediment load
 - Silting
 - Stable channels
 - Stream erosion
 - Streamflow

Regional analysis 1407

- BT - Analysis
- RT Climatic data
 - Hydrologic data
 - Networks
 - Regions

Regional flood 0808

- BT - Floods
- RT Design flood
 - Flood damage
 - Flood forecasting

Regions 1407

Use of a more specific term is recommended

- NT Arid lands
 - Climatic zones
 - Coastal plains
 - Cold regions
 - Corn belt
 - Drainage districts
 - Flood plains
 - Geographical regions
 - Grasslands
 - Humid areas
 - Intertidal areas
 - Pasture
 - Polar regions
 - Public utility districts
 - River basins
 - Rural areas
 - Small watersheds
 - Tropical regions
 - Tundra
 - Watersheds (basins)
- RT Alpine
 - Antarctic
 - Arctic
 - Areal
 - Beaches
 - Climate
 - Coasts
 - Cultivated lands
 - Deltas
 - Deserts
 - Fjords

- Geomorphology
 - Mountains
 - Political aspects
 - Regional analysis
 - Soil groups
 - Soil surveys
 - Subarctic
 - Subtropic
 - Synoptic analysis
 - Temperate
 - Terrain analysis
 - Tropic
 - Valleys
 - Wetlands
 - Zoning

Regression analysis 1201

- BT - Analysis
 - Mathematical analysis
 - Mathematical studies
 - Statistical analysis
- NT Multiple regression
 - Correlation
 - Correlation analysis
 - Correlation techniques
 - Curve fitting
 - Least squares method
 - Quality control
 - Statistical models
 - Variability

Regressive taxes 0504

- BT - Taxes

Regrowth (vegetation)

USE Vegetation regrowth

Regulated flow 0808

- BT - Channel flow
 - Flow
 - Fluid flow
 - Movement
 - River flow
 - Streamflow
- RT - Legal aspects
 - Natural flow
 - Regulation
 - Reregulation
 - Water rights

Regulation 1407

- NT - Flow augmentation
 - River regulation
 - River training
 - Voltage regulation
- RT - Abatement
 - Baffles
 - Competition
 - Control
 - Control systems
 - Fish harvest
 - Fish management
 - Fluvial hydraulics
 - Materials control
 - Monitoring
 - Non-structural alternatives
 - Operations
 - Regulated flow
 - Reservoir capacity
 - Reservoir operation
 - Reservoir storage
 - River flow
 - Sluices
 - Valves

Regulations 0504

- NT Boating regulations
 - Flood plain zoning
 - Water zoning
 - Well regulations
- RT Administrative agencies
 - Allocations
 - Building codes
 - Codes
 - Competition
 - Depreciation
 - Financing
 - Governments
 - International law
 - Laws
 - Leases
 - Legal aspects
 - Legislation
 - Licenses
 - Litigation
 - Management
 - Patents
 - Permits

Personnel management

- Proration
 - Standards
 - Taxes
 - Waste disposal

Rehabilitation 1407

(excludes personnel)

- RT - Economics
 - Engineering obsolescence
 - Engineering structures
 - Equipment
 - Hydraulic structures
 - Maintenance
 - Obsolescence
 - Political aspects
 - Renovating
 - Repairing
 - Replacement costs
 - Replacing
 - Salvage value
 - Structures

Reimbursable costs 0503 1401

- BT - Costs
- RT Cost sharing
 - Electric power costs
 - Hydroelectric power
 - Irrigation
 - Irrigation water
 - Municipal water
 - Non-reimbursable costs
 - Water costs

Reimbursement

USE Cost repayment

Reinforced concrete 1303.1

- BT - Building materials
 - Concretes
 - Construction materials
 - Materials
- NT Prestressed concrete
- RT Bonding strength
 - Buildings
 - Composite beams
 - Composite materials
 - Concrete construction
 - Concrete linings
 - Concrete pavements
 - Concrete piles
 - Concrete pipes
 - Concrete structures
 - Concrete tanks
 - Concrete technology
 - Deformed bars
 - Engineering structures
 - High-bond reinforcing bars
 - High strength concretes
 - Mesh reinforcement
 - Polymer concretes
 - Precast concrete
 - Reinforcement
 - Reinforcing materials
 - Reinforcing steels
 - Roads
 - Slabs
 - Stirrups
 - Streets
 - Structural concrete

Reinforced plastic pipe 1313.3

- BT - Closed conduits
 - Conduits
 - Pipes
 - Reinforced plastics
- RT Astalos-cement pipes
 - Laminated plastics
 - Pipelines
 - Plastics
 - Pressure pipes

Reinforced plastics 1109

- BT - Building materials
 - Composite materials
 - Plastics
- NT Reinforced plastic pipe
- RT Laminated plastics
 - Laminates
 - Reinforcement
 - Reinforcing materials
 - Sandwiching

Reinforcement 1313.5

- UF Reinforcing
- NT Mesh reinforcement
 - Stirrups
- RT - Bars
 - Bracing

- Composite materials
- Construction materials
- Deformed bars
- Embedded materials
- Embedded metal
- Engineering structures
- Fillers
- High-bond reinforcing bars
- Posttensioning
- Prestressing
- Reinforced concrete
- Reinforced plastics
- Reinforcing materials
- Reinforcing steels
- Revelments
- Riprap
- Stability
- Stabilization
- Stiffeners
- Stiffening
- Structural steel
- Supports
- Winding (mechanical)
- Wire

Reinforcing

USE R-reinforcement

Reinforcing materials 1303

- BT - Construction materials
 - Materials
- NT High-bond reinforcing bars
 - Reinforcing steels
- RT - Composite materials
 - Fibers
 - Glass fibers
 - Mesh reinforcement
 - Reinforced concrete
 - Reinforced plastics
 - Reinforcement
 - Stirrups
 - Structural steel
 - Wire

Reinforcing steels 1303

- BT - Construction materials
 - Materials
 - Metals
 - Reinforcing materials
 - Steel
- NT High-bond reinforcing bars
 - Bars
 - Deformed bars
 - High strength steels
 - Mesh reinforcement
 - Posttensioning
 - Prestressed concrete
 - Prestressed steel
 - Prestressing
 - Reinforced concrete
 - Reinforcement
 - Spacers
 - Stirrups
 - Structural steel

Rejection 1407

- NT Load rejection
- RT Acceptability
 - Electric powerplants
 - Evaluation
 - Removal

Relative consistency 0813

- BT - Consistency
 - Physical properties
 - Soil physical properties
 - Soil properties
- RT Atterberg limits
 - Clays
 - Cohesive soils
 - Finegrained soils
 - Index tests
 - Liquid limit
 - Moisture content
 - Plasticity index
 - Plastic limits
 - Soil tests
 - Stiffness
 - Water content

Relative density 0813

- BT - Density
 - Physical properties
 - Soil physical properties
 - Soil properties
- RT Acceptance tests
 - Cohesionless soils
 - Compaction tests
 - Construction control

RELATIVE RIGHTS

Relative density (Con.)

- Field density
- Granular materials
- Gravels
- Loose soils
- Penetration resistance
- Proctor curves
- Soil tests
- Unit weight

Relative rights 0504.1

- RT Alteration of flow
- Diversion
- Natural flow doctrine
- Obstruction to flow
- Political aspects
- Reasonable use
- Riparian rights
- Water rights

Relative roughness 2004

- RT Friction coefficient (hydraulic)
- Friction coefficient (mechanical)
- Head losses
- Roughness (hydraulic)
- Surface properties

Relaxation (mechanics) 2011

- NT Stress relaxation
- Structural relaxation
- RT Contraction
- Creep
- Expansion
- Posttensioning
- Prestressed concrete
- Prestressing
- Relaxation method
- Residual stress
- Stress relieving
- Tensile stress

Relaxation (structural)

USE Structural relaxation

Relaxation method 1201

- BT -Analysis
- Methodology
- RT Approximation method
- Mathematical analysis
- Mathematics
- Relaxation (mechanics)
- Structural analysis
- Structural relaxation

Release

USE Discharge (water)

Reliability 1404

- RT Acceptability
- Accuracy
- Consistency
- Design
- Durability
- Errors
- Estimating
- Forecasting
- Life expectancy
- Maintenance
- Performance
- Probability theory
- Productivity
- Protective relaying
- Quality control
- Safety
- Safety factors
- Sampling
- Specifications
- Stability
- Standards
- Statistical analysis
- Switching surges
- Systems engineering
- Tolerances (mechanics)
- Variability
- Vulnerability

Reflection

USE Accretion (legal aspects)

Relief

USE Topography

Relief valves 1311

- BT -Control equipment
- Valves
- RT High pressure valves
- Hydraulic valves
- Pressure regulators
- Vents

Relief vaults 1313.2

- RT Mining engineering
- Rock mechanics
- Root bolts
- Tunnels
- Underground powerplants

Relief wells 0808.1

- BT -Wells
- RT Blowouts
- Drainage wells
- Drains
- Hydraulic pressure
- Observation wells
- Piping (erosion)
- Rapid drawdown
- Sand boils
- Sand drains
- Seepage
- Underseepage
- Wellpoints

Relocation 1407

- NT Highway relocation
- Railroad relocation
- RT Area redevelopment
- Locating
- Locations
- Personnel management
- Political aspects
- Sites
- Urban renewal

Remedies 0504.1

- RT -Prior appropriation
- Riparian rights

Remolded soil samples 0813

- BT -Samples
- RT Compacted soils
- Compaction tests
- Disturbed samples
- Sampling
- Sensitivity
- Soil compaction
- Soil investigations
- Soil samplers
- Soil tests
- Undisturbed samples

Remote control 1402

- BT -Control
- RT Automatic
- Automatic control
- Automation
- Control systems
- Electronic equipment
- Electronics
- Instrumentation
- Materials control
- Mechanization
- Operations
- Pneumatic systems
- Process control
- Recording systems
- Servomechanisms
- Telemetry
- Voltage regulation
- Water management (applied)
- Water resources management

Remote sensing 1402

- UF Aerial sensing
- RT Aerial photography
- Aerial reconnaissance
- Aerial surveys
- Airborne equipment
- Aircraft
- Cameras
- Detection
- Electromagnetic waves
- Electronic equipment
- Exploration
- Geophysics
- Instrumentation
- Mapping
- Marking techniques
- Measurement
- Networks
- Photogeology
- Photogrammetry
- Photography
- Photometry
- Radar
- Satellites (artificial)
- Sensors
- Spectroscopy
- Telemetry
- Terrain analysis

Tracking techniques

-X-ray analysis

Removal 1407

- NT Snow removal
- RT -Clearing
- Decontamination
- Dehydration
- Decing
- Descaling
- Displacements
- Disposal
- Ejection
- Extraction
- Rejection

Renegotiations

USE Negotiations

Renovating 1407

- RT -Maintenance
- Obsolescence
- Reclamation
- Rehabilitation
- Repairing

Rent

USE Renting

Rental

USE Renting

Rental equipment 0503 1303

- BT -Equipment
- RT Expenditures
- Leases
- Renting

Renting 0501

- UF Rent
- Rental
- RT -Costs
- Economic rent
- Leases
- Rental equipment

Reoxygenation

USE Reaeration

Repairing 1407

- BT -Maintenance
- RT Autogenous healing
- Engineering structures
- Equipment
- Garages
- Instrumentation
- Maintenance equipment
- Operation and maintenance
- Power operation & maintenance
- Preventive maintenance
- Rehabilitation
- Renovating
- Spare parts
- Stop logs

Repayment 0503

- RT -Contracts
- Costs
- Damages
- Loans
- Repayment contracts

Repayment contracts 0501

- BT -Contracts
- RT -Agreements
- Costs
- Electric power costs
- Federal government
- Hydroelectric power
- Industries
- Irrigation
- Irrigation water
- Municipalities
- Municipal water
- Negotiations
- Repayment
- Water costs
- Water users

Repeated loading 2011

- RT Cyclic loads
- Dynamic loads
- Fatigue (materials)
- Fatigue tests
- Live loads
- Loads (forces)
- Soil dynamics
- Vibration

Repeaters (communications) 1702

- BT -Instrumentation
- Receivers
- Transmitters
- RT Amplifiers
- Electronic equipment
- Radio communication systems
- Radios
- Telephones

Repellents 0606

- NT Fish repellents
- Insect repellents
- Mammalian repellents
- RT -Agricultural chemicals
- Animal control
- Alltractants
- Fish control agents
- Insecticides
- Nuisance birds
- Odor
- Organoleptic properties
- Pest control
- Pesticides
- Plant growth substances
- Poisons
- Retardants

Replacement costs 1401

- BT -Costs
- RT Capital costs
- Construction costs
- Electric power costs
- Equipment costs
- Maintenance costs
- Operation and maintenance costs
- Rehabilitation
- Salvage value
- Sinking fund

Replacing 1407

- RT -Equipment
- Maintenance
- Materials failure
- Personnel
- Railroad relocation
- Rehabilitation

Reports 0502

- BT -Documentation
- NT Progress reports
- RT Communication
- Data collections
- Logs
- Project summaries
- Publications
- Recommendations
- Records
- Report writing
- Technical papers
- Technical writing

Report writing 0502

- BT -Technical writing
- RT Communication
- Documentation
- Grammars
- Records
- Reports
- Technical papers

Repose (angle of)

USE Angle of repose

Reproducibility 1407

- RT Accuracy
- Consistency
- Errors
- Hysteresis
- Quality control
- Statistical analysis
- Tolerances (mechanics)
- Variability

Reproduction (biology) 0605 0616

- UF Propagation (biological)
- NT Fish reproduction
- RT -Animal behavior
- Animal physiology
- Biology
- Breeding
- Crop production
- Eggs
- Fecundity
- Fertility
- Fish behavior
- Fish hatcheries
- Flowering

THESAURUS OF TERMS

Reproduction (biology) (Con.)

-Genetics
-Gonads
-Insect behavior
-Man
-Plant physiology
-Pollen
-Seeds
-Sexual maturity
-Sterilants
-Sterility

Reproduction (copying) 1405

RT Etching
Microfilm
-Office equipment
-Photography
Printing

Reptiles 0603.2

BT -Animals
-Wildlife
NT Snakes
Turtles
RT Animal groupings
-Aquatic animals

Reputation (legal aspects) 0504.1

UF Common enemy rule
RT Drainage water
Riddance (legal aspects)
Surface runoff
-Surface waters

Requirements 1407

UF Needs
NT Water requirements
RT Electric power demand
-Personnel
-Planning
-Specifications
Water demand

Reregulation 0808

NT -Flow augmentation
Low-flow augmentation
-River regulation
RT Hydroelectric power
Regulated flow
Reservoir capacity
-Reservoir operation
Reservoir storage
-River flow
River training

Research and development 1406

Use of a more specific term
is recommended
UF Scientific research
NT Applied research
Atmospheric research
Basic research
Foreign research
High temperature research
-Resource development
RT -Analytical techniques
Demonstration farms
Demonstration watersheds
-Design
-Economics
Experimental farms
-Exploration
-Field tests
Grants
-Investigations
-Laboratories
Laboratory equipment
Laboratory tests
Materials engineering
-Model studies
-Planning
-Projects
Prototype tests
Research equipment
Research facilities
Systems engineering
Technology
-Test:
-Theory

Research equipment 1402

BT -Equipment
RT -Computers
-Instrumentation
-Research and development
Research facilities

Research facilities 1402 1406

BT -Facilities
RT -Analytical techniques

Foreign research
-Laboratories
-Model studies
-Projects
-Research and development
Research equipment
-Test facilities

Reservation doctrine 0504.1

RT Federal jurisdiction
-Federal reservations
Federal-state water rights conflicts
-Jurisdiction
Lake fisheries
State jurisdiction
-Water rights

Reserved lands

USE Federal reservations

Reservoir capacity 1302.6

RT Capacity reduction
Detention reservoirs
Draft-storage curves
Equalizing reservoirs
Inflow
Low-flow augmentation
Multiple purpose reservoirs
Pumped storage
-Regulation
-Reregulation
Reservoir clearing
Reservoir design
Reservoir operation
-Reservoirs
Reservoir storage
Reservoir surveys
Retention
Surcharge
-Water management (applied)
Water quality control
Water supply
Withdrawal

Reservoir clearing 1315

BT -Clearing
RT Dam construction
Pre-impoundment
Reservoir capacity
Reservoir construction
Reservoir design
-Reservoirs
Reservoir siting
Reservoir sites
Reservoir storage
Reservoir surveys
Shipping

Reservoir construction 1315

BT -Construction
RT Dam construction
-Dams
-Excavation
-Lakes
-Ponds
Pre-impoundment
Reservoir clearing
Reservoir design
-Reservoirs
Reservoir sites
-Tanks (containers)

Reservoir design 1302.6

BT -Design
RT -Dams
Flood estimate
Flood forecasting
Flood routing
Freeboard
Impervious blankets
Reservoir capacity
Reservoir clearing
Reservoir construction
Reservoir evaporation
Reservoir leakage
-Reservoir operation
-Reservoirs
Reservoir siting
Reservoir sites
Reservoir storage
Reservoir surveys

Reservoir evaporation 1302.6

BT -Evaporation
RT Evaporation control
Pan evaporation
Reservoir design
-Reservoir operation

-Reservoirs
Thermal gradient
Water conservation
Water level fluctuations
-Water loss

Reservoir fisheries 0603.2

BT -Fisheries
RT Bait fishing
-Cold-water fish
Cold-water fishing
Lake fisheries
-Post-impoundment
Pre-impoundment
-Reservoirs

Reservoir leakage 1302.6

BT -Leakage
RT Flexible linings
Grout curtains
-Grouting
Impervious blankets
Impervious linings
Impervious membranes
Reservoir design
-Reservoirs
-Seepage
Seepage losses
Underseepage
Water level fluctuations
-Water loss
Watertight

Reservoir management

USE Reservoir operation

Reservoir operation 1302.6

UF Reservoir management
BT -Operations
NT Selective level releases
RT Competing uses
Density-flow
Detention reservoirs
Draft-storage curves
Drawdown curves
-Electric power
Fish management
Flood control
-Irrigation water
Low-flow augmentation
Multilevel outlets
Navigation
Operating criteria
-Operation and maintenance
Pumped storage
Rapid drawdown
-Recreation
-Regulation
-Reregulation
Reservoir capacity
Reservoir design
Reservoir evaporation
-Reservoirs
Reservoir storage
Reservoir yield
River forecasting
-Routing
-Safety
Sediment control
Synthetic hydrology
Thermal gradient
Water allocation (policy)
Water control
Water costs
Water distribution (applied)
Water level fluctuations
-Water management (applied)
-Water resources management
Water shortage
Water supply
Water supply systems
-Wildlife management

Reservoirs 1302.6

BT -Bodies of water
-Impoundments
-Standing waters
-Surface waters
-Water

NT Alterbays

Detention reservoirs
Equalizing reservoirs
Evaporation reservoirs
Farm ponds
Forebays
Multiple purpose reservoirs
RT -Aquatic habitats
Area capacity curves
Backwater

RESERVOIR SITES

Backwater profiles
Calefaction
Concrete tanks
-Dams
Dead storage
Density stratification
-Depletion
Domestic water
-Drawdown
Early impoundment
-Electric power
Epilimnion
Fish management
Fish passages
Flexible linings
Flood control
Flood routing
Hydraulic engineering
-Hydraulics
-Hydraulic structures
Hypolimnion
Impounded waters
Inflow
-Intake structures
Intake towers
-Irrigation water
-Lagoons (ponds)
-Lakes
-Limnology
Meromixis
-Ponds
-Post-impoundment
Power head
Pre-impoundment
-Recreation
-Recreation facilities
Reservoir capacity
Reservoir clearing
Reservoir construction
Reservoir design
Reservoir evaporation
Reservoir fisheries
Reservoir leakage
-Reservoir operation
Reservoir siting
Reservoir sites
Reservoir stages
Reservoir storage
Reservoir surveys
Reservoir yield
-Resource conservation
-Routing
-Runoff
Sedimentation rates
-Seepage
-Siting
Stock water
-Storage
-Stratification
Sudden enlargements
-Tanks (containers)
Thermocline
Turbidity currents
Turnovers
Underground water storage
Usable storage
-Water
-Water levels
Water sources
Water surface
-Water tanks
-Waterways
-Wildlife conservation
Withdrawal

Reservoirs (oil) USE Oil reservoirs

Reservoir siting 1302.6

BT -Siting
RT Bed load
Capacity reduction
Deposition
Desilting
Reservoir clearing
Reservoir design
-Reservoirs
Reservoir surveys
-Sedimentation
Sediment concentration
Sediment control
Sediment yield
-Silt

Reservoir sites 1302.6

BT -Sites
RT -Basins
Equalizing reservoirs
Locations

RESERVOIR STAGES

Reservoir sites (Con.)

Potential hydropower
Pre-impoundment
Reservoir clearing
Reservoir construction
Reservoir design
-Reservoirs
Reservoir surveys
Site selection

Reservoir stages 1302.6

UF Stages (reservoir)
NT Early impoundment
Late impoundment
-Post-impoundment
Pre-impoundment
RT -Ecosystems
-Impoundments
-Lake stages
-Reservoirs
-Succession

Reservoir storage 1302.6

UF Storage reservoirs
BT -Storage
-Water storage
RT Area capacity curves
Dead storage
-Depletion
Detention reservoirs
Draft-storage curves
Equalizing reservoirs
Inflow
Low-flow augmentation
Multiple purpose reservoirs
Pumped storage
-Regulation
-Reregulation
Reservoir capacity
Reservoir clearing
Reservoir design
-Reservoir operation
-Reservoirs
Reservoir surveys
Retention
Trap efficiency
Waste dilution
-Water management (applied)
Water quality control
Water supply
Withdrawal

Reservoir surveys 1302.6

BT -Surveys
RT Area capacity curves
Backwater
-Dams
Dead storage
-Electric power
Flood control
Reservoir capacity
Reservoir clearing
Reservoir design
-Reservoirs
Reservoir siting
Reservoir sites
Reservoir storage
Sediment sampling
Site selection
Sounding
Triangulation nets

Reservoir yield 1302.6

BT -Water yield
RT -Discharge (water)
Flood routing
-Hydrology
-Reservoir operation
-Reservoirs
-Routing
Safe yield
Water supply

Residences 1313.4

UF Houses
BT -Buildings
-Engineering structures
RT Architecture
Building codes
-Building materials
City planning
-Construction materials
Erection
-Facilities
Roofs
-Walls
Wind pressure

Residual soils 0807

BT -Earth materials

-Materials

-Soils

-Soil types

RT Detritus

-Rocks

Soil formation

Weathering

Residual stress 2012

BT -Mechanical properties

-Stress

RT Creep

Intrinsic pressure

Machining

Preconsolidation

-Relaxation (mechanics)

-Strain

Strain hardening

Stress relaxation

Stress relieving

Resilience 2012

BT -Mechanical properties

RT -Deformation

Elasticity (mechanical)

Rebound

Springs (mechanical)

Resins 1107

NT Alkyd resins

Epoxy resins

Nylon

Phenolic resins

-Polyester resins

Polyethylene

Polystyrene

Polysulfide resins

Polyurethane resins

Polyvinyl chloride

-Styrene resins

-Synthetic resins

-Thermoplastic resins

-Thermosetting resins

-Vinyl resins

RT Binders

-Bitumens

-Bituminous materials

Lacquers

Mastics

Pitch (materials)

-Plastics

Polymers

Varnishes

Resistance 1407

NT Cold resistance

Disease resistance

Drought resistance

Electrical resistance

Flow resistance

Insect resistance

Penetration resistance

Pressure drag

Shear drag

Shear resistance

Sliding resistance

-Tolerances (plant)

Uplift resistance

RT Aging (physical)

-Biological properties

Compatibility

Conductivity

Crop response

Cytological studies

Drought tolerance

-Durability

Energy losses

-Environmental effects

Flow around objects

-Friction

Friction coefficient (hydraulic)

Friction coefficient (mechanical)

Friction tests

-Genetics

Lodging

Moody resistance diagrams

Persistence

-Physical properties

Plant breeding

Plant growth

Plant physiology

Reactance

-Resistance coefficients

Resistivity

Retardance

-Retardants

Roughness (hydraulic)

Roughness coefficient

Salt tolerance

Selectivity

Shunt resistors

-Stability

-Strength

Strength of materials

-Stress

-Succession

Wetting and drying tests

Resistance coefficients 1407

BT -Coefficients

NT Friction coefficient (hydraulic)

Friction coefficient (mechanical)

RT -Drag

Energy losses

Fluid friction

-Resistance

-Surface properties

Resistance networks 1407

BT -Analog models

-Models

-Model studies

-Networks

RT Electrical resistance

Groundwater movement

Junctions

-Seepage

-Unsteady flow

Resistivity 1407

BT -Electrical properties

-Physical properties

NT Earth resistivity (electrical)

Soil resistivity

RT Borehole geophysics

-Conductivity

Electrical impedance

Electrical resistance

Electrical studies

Electrical well logging

Reactance

-Resistance

Rock properties

Resistivity method

USE Resistivity surveys

Resistivity surveys 0807

UF Resistivity method

BT -Geophysical prospecting

-Surveys

RT Earth resistivity (electrical)

-Electrical logging

-Electrical prospecting

Electrical resistivity

Electrical well logging

-Electrodes

Geophysical logging

-Geophysics

Seismic investigations

Soil investigations

-Well logging

Resistors 0901

UF Electric resistors

NT Shunt resistors

Thermistors

Variable resistors

RT -Electric conductors

Electric reactors

Potentiometers

-Semiconductors

-Voltage dividers

Resonance 1407

BT -Physical properties

RT -Acoustics

-Damping

-Frequency

Harmonics

-Mechanical properties

-Mechanical waves

Natural frequency

Oscillations

-Resonators

-Sound waves

Ultrasonics

-Vibration

-Waves

Resonators 1402

NT Tuning forks

RT -Acoustic equipment

-Frequency

Frequency stabilizers

Natural frequency

Oscillators

Resonance

Resource allocation 0503

RT -Economics

Labor supply

Manpower

-Resource development

-Resources

Resource conservation 1407

BT -Conservation

NT Fish conservation

Soil conservation

Water conservation

-Wildlife conservation

RT Adoption of practices

-Cultivation

Demonstration farms

Demonstration watersheds

-Economics

Erosion control

Experimental farms

Forest management

Grassed waterways

-Grasslands

-Land management

Land reclamation

Land resources

Limiting factors

-National parks

-Natural resources

-Parks

Pasture management

Preservation

Project purposes

Range management

Ranges

-Reservoirs

-Resources

Riparian plants

Scenery

Shelterbelts

Water resources development

-Weather modification

Resource development 1302

BT -Research and development

NT Land development

Water resources development

RT Area redevelopment

Economic growth

-Environmental tests

-Facilities

Manpower

Political aspects

Resource allocation

-Resources

Resource mix 0503

RT Economic efficiency

-Resources

Resources 1407

NT Human resources

Hydroelectric resources

Land resources

-Natural resources

-Water resources

RT Area redevelopment

-Conservation

-Economics

-Facilities

Logistics

-Personnel

Resource allocation

-Resource conservation

-Resource development

Resource mix

Water resources development

Water supply

Respiration 0616

RT -Animal physiology

Carbon cycle

Circulation (animals)

-Metabolism

-Oxygen demand

Oxygen requirements

Plant physiology

Resuscitation

Stomata

Sweat

Transpiration

Turgidity

Water requirements

Respirators

USE Resuscitation

THESAURUS OF TERMS

RHYOLITE

Responsibilities 0509

- RT Administration
 - Human behavior
 - Job analysis
- Management
- Organization charts
- Performance
- Personnel management
- Policies
- Supervision

Resuscitation 0605

- UF Artificial respiration
- Respirators
- RT Drowning
 - First aid
 - Respiration

Retaining walls 1313.5

- BT -Engineering structures
- Walls
- NT Anchored bulkheads
- Crib walls
- RT Abutments
 - Active pressure
 - At rest pressure
 - Backfills
 - Barriers
 - Bins
 - Breakwaters
 - Bulkheads
 - Buttresses
 - Cantilevers
 - Check structures
 - Coastal structures
 - Concrete structures
 - Cribbing
 - Dikes
 - Earth pressure
 - Embankments
 - External friction
 - Horizontal loads
 - Lateral forces
 - Passive pressure
 - Rankine pressure
 - Revetments
 - Sea walls
 - Sheeting
 - Sheet piling
 - Shore protection
 - Slope stabilization
 - Soil pressure
 - Stream improvement

Retardance 0808

- UF Impedance (hydraulic)
- RT Adoption of practices
 - Conductivity
 - Control
 - Grassed waterways
 - Resistance
 - Roughness (hydraulic)
 - Vegetation effects

Retardants 1107

- UF Suppressants
- NT Evaporation retardants
- RT Accelerating (chemistry)
 - Admixtures
 - Catalysts
 - Chemcontrol
 - Inhibitors
 - Neutralization
 - Odor
 - Preservation
 - Repellents
 - Resistance
 - Retarding agents
 - Surfactants

Retarding 1407

- RT Accelerating (chemistry)
- Acceleration (physics)
- Attenuation
- Brakes
- Capping
- Closing
- Constrictions
- Contraction
- Damping
- Deceleration
- Fouling
- Hysteresis
- Inhibition
- Neutralization
- Obstruction
- Reduction
- Retarding agents

Retarding agents 1303.1

- UF Agents (retarding)
- BT -Additives
 - Admixtures
- NT Set-retarding agents
- RT Catalysts
 - Concrete additives
 - Concrete control
 - Concrete mixes
 - Concrete technology
 - Curing compounds
 - False set
 - Inhibitors
 - Initial set
 - Retardants
 - Retarding
 - Setting (materials)
 - Soil stabilization
 - Soil treatment
 - Solidification

Retention 0808

- RT Capillary action
- Field capacity
- Groundwater
- Hydrologic equation
- Infiltration
- Reservoir capacity
- Reservoir storage
- Soil moisture
- Soil water
- Storage
- Trap efficiency
- Water storage
- Wilting point

Retention dams 1313.1

- BT -Dams
 - Hydraulic structures
- RT Check dams
 - Debris barriers
 - Flood control
 - Irrigation water
 - Storage

Return (monetary) 0503

- UF Yield on investment
- NT Marginal return
- Return to scale
- RT Depreciation
 - Income
 - Investment
 - Monetary benefits
 - Profit
 - Value engineering

Return flow 0808

- UF Irrigation waste water
- Return water
- Waste water (irrigation)
- BT -Flow
 - Fluid flow
 - Irrigation water
 - Movement
 - Water

- RT Consumptive use (water)
- Diversion loss returns
- Duty of water
- Furrow irrigation
- Groundwater
- Rates of application
- Recirculating irrigation system
- Seepage
- Streamflow
- Surface irrigation
- Water loss
- Water pollution sources
- Water reuse
- Water salvage
- Water sources

Return to scale 0503

- BT -Return (monetary)
- RT -Benefits
 - Costs
 - Diseconomies of scale
 - Economics
 - Economies of scale
 - Income

Return water

- USE Return flow

Revegetation 0205

- NT Reforestation
- RT Range management
- Vegetation
 - Vegetation establishment
 - Vegetation regrowth

Revenues 0503

- RT Appropriations (fiscal)
- Assessments
- Budgeting
- Earnings
- Federal government
- Financing
- Governments
- Income
- Interest (finance)
- Profit
- Royalties
- Tariff
- Taxes

Reverse filters

- USE Inverted filters

Reverse osmosis 1302.5

- BT -Chemical properties
 - Diffusion
 - Membrane processes
 - Osmosis
 - Separation
 - Separation techniques
 - Transport phenomena
- RT -Demineralization
 - Desalination
 - Desalination processes
 - Laminar flow
 - Liquid wastes
 - Membranes
 - Osmotic pressure
 - Pressure
 - Semipermeable membranes
 - Sewage treatment
 - Tertiary treatment

Reversible turbines 1307.1

- BT -Hydraulic machinery
 - Turbines
- NT Deriaz pump turbine
- Pump turbines
- RT Draft tubes
 - High head
 - Pumped storage
 - Reaction turbines
 - Specific speed
 - Turbine efficiency
 - Turbine runners

Revetments 1313.1

- RT Abutments
 - Aprons
 - Bank erosion
 - Bank protection
 - Banks
 - Bank stabilization
 - Breakwaters
 - Bulkheads
 - Channel erosion
 - Channel protection
 - Dams
 - Dikes
 - Embankments
 - Erosion control
 - Gabions
 - Leaves
 - Reinforcement
 - Retaining walls
 - Riprap
 - Rivers
 - River training
 - Sea walls
 - Sheet piling
 - Shore protection
 - Slabs
 - Slope protection
 - Slope stabilization
 - Stream improvement
 - Streams
 - Stream stabilization
 - Wave run-up

Reviews 0502

- (partial and complete state-of-the-art reviews)
- UF State of the art studies
- RT Bibliographies
- Data collections
- Documentation
- History
- Publications
- Translations

Reynolds number 2004

- RT -Boundary layer
- Boundary shear
- Chen equation

- Critical flow
- Darcy-Weisbach equation
- Density
- Dimensional analysis
- Discharge (water)
- Discharge coefficients
- Flow
- Fluid flow
- Froude number
- Hydraulic models
- Hydraulics
- Laminar flow
- Mannings equation
- Mixing length
- Moody resistance diagrams
- Newtonian flow
- Scale effect
- Similitude
- Steady flow
- Transient flow
- Transition flow
- Turbulence
- Turbulent flow
- Velocity
- Viscosity
- Viscous flow
- Wall friction

- Rhacochilus vacca*
- USE Pile perch

- Rheological models*
- USE Rheology

Rheology 2004

- UF Rheological models
- RT Creep
 - Deformation
 - Flow
 - Fluids
 - Mechanical properties
 - Non-newtonian flow
 - Physical properties
 - Plasticity
 - Thixotropy
 - Viscoelasticity
 - Viscosity

- Rheostats*
- USE Variable resistors

Rheotropism 0616

- BT -Tropisms
- RT -Currents (water)

- Rhizic water*
- USE Soil moisture

Rhizomes 0603.1

- RT Plant morphology
- Root systems
- Vegetation establishment

Rhizosphere 0606

- RT -Ecology
 - Forestry
 - Forest soils
 - Microenvironment
 - Nitrogen fixing bacteria
 - Plant growth substances
 - Root development
 - Root zone
 - Soil bacteria
 - Soil environment
 - Soil fungi
 - Soil microbiology
 - Soil microorganisms

Rhode Island 0806

- BT -Geographical regions
- States (geographical)

Rhodophyta 0603.1

- UF Algae (red)
- Red algae
- BT -Algae
 - Aquatic algae
 - Aquatic life
 - Aquatic microorganisms
 - Aquatic plants
 - Microorganisms
 - Plants (botany)
 - Seston

Rhyolite 0807

- BT -Acidic rocks
- Crystalline rocks
- Igneous rocks
- Rocks

RIBS

Rhyolite (Con.)

- Volcanic rocks
- RT Andesite
- Basalt
- Granite
- Lava
- Perlite
- Pumice

Ribs 1313

- RT -Bracing
- Roof supports
- Shoring
- Stiffeners
- Stiffening
- Tunnel linings
- Tunnel supports

Rice 0204 0603.1

- UF Oryza sativa
- BT -Agronomic crops
- Cereal crops
- Crops
- Field crops
- Grasses
- Monocots
- Plants (botany)
- RT Aquatic soils
- Aquatic weeds
- Fish farming
- Grains (crops)
- Rooted aquatic plants

Rice-fish rotations

- USE Fish farming

Richards apparatus 1402

- RT Haines apparatus
- Tensiometers

Riddance (legal aspects) 0504.1

- RT Drainage water
- Repulsion (legal aspects)
- Surface runoff
- Surface waters

Right-of-way 1407

- RT Access roads
- Access routes
- Agreements
- Boundaries (property)
- Cadastral surveys
- Condemnation
- Easements
- Eminent domain
- Field investigations
- Highway engineering
- Highway relocation
- Land
- Land acquisition
- Land appraisal
- Land ownership
- Public rights
- Public works
- Railroad relocation
- Real property
- Site selection
- Surveying
- Surveys

Rigid boundaries 1407

- UF Fixed boundaries
- BT -Boundaries (surfaces)
- RT Boundary conditions
- Boundary layer
- Boundary shear
- Finite element method
- Fixed-bed models
- Rigid foundations
- Rigidity
- Rigid linings
- Rigid pavements

Rigid footings

- USE Rigid foundations

Rigid foundations 1313.6

- UF Rigid footings
- BT -Foundations
- NT Rock foundations
- RT Backfills
- Bearing values
- Building codes
- Construction
- Differential settlement
- Displacements
- Flexible foundations
- Grillage footings
- Rigid boundaries
- Rocks

- Settlement (structural)
- Spread footings
- Spread foundations

Rigid frames 1313.5

- BT -Frames
- RT -Bracing
- Fixed structures
- Joints (connections)
- Loads (forces)
- Space frames
- Structural analysis
- Structural members
- Trusses

Rigidity 2012

- BT -Mechanical properties
- RT Compressibility
- Elasticity (mechanical)
- Flexibility
- Flexural strength
- Modulus of elasticity
- Rigid boundaries
- Roughness (hydraulic)
- Stiffness
- Strength of materials
- Water properties

Rigid linings 1313.1

- BT -Linings
- RT Canal linings
- Concrete-lined canals
- Concrete linings
- Corrutes
- Impervious linings
- Pervious linings
- Rigid boundaries
- Steel linings
- Tunnel linings

Rigid pavements 1302.4

- BT -Pavements
- NT Concrete pavements
- RT Aprons
- Concrete construction
- Concrete linings
- Concretes
- Flexible linings
- Flexible pavements
- Rigid boundaries
- Runways

Rigid pipes 1303

- BT -Closed conduits
- Conduits
- Pipes
- RT Asbestos-cement pipes
- Cast-in-place pipes
- Concrete pipes
- Copper tubing
- Corrugated metal pipe
- Metal pipes
- Rigid tubing
- Steel pipes

Rigid tubing 1311

- BT -Closed conduits
- Conduits
- Tubes
- NT Capillary tubes
- Corrugated metal pipe
- Draft tubes
- Metal pipes
- RT Copper tubing
- Flexible tubing
- Piping systems (mechanical)
- Rigid pipes

Rill erosion 0807

- BT -Erosion
- RT Channel erosion
- Channels
- Gully erosion
- Soil erosion

Rime 0402

- BT -Ice
- RT Dew
- Freezing
- Frost
- Meteorology

Ring-necked duck 0603.2

- UF Aythya collaris
- BT -Animals
- Aquatic life
- Birds
- Ducks (wild)
- Migratory birds

- Waterfowl
- Wildlife

Rings 1409

- NT Seal rings
- Ship rings
- Stay rings
- RT Hoop tension
- O-ring seals
- Stiffeners

Ring stiffeners 1311

- RT Discharge lines
- Penstocks
- Pipelines

Riparian land 0504.1

- UF Littoral proprietorship
- RT Banks
- Riparian rights
- Severance

Riparian plants 0603.1

- RT -Amphibious plants
- Banks
- Brush control
- Cattails
- Conservation
- Consumptive use (water)
- Evapotranspiration
- Johnsongrass
- Phreatophytes
- Resource conservation
- Rooted aquatic plants
- Seepwillow
- Tamansk
- Transpiration
- Weed control
- Weeds
- Wildlife management
- Willow trees

Riparian rights 0504.1

- BT -Water rights
- NT Natural flow doctrine
- RT Alteration of flow
- Artificial use
- Banks
- Civil law
- Competing uses
- Cooling water
- Diversion
- Domestic water
- Dual system
- Fish management
- Hydraulic mining water
- Irrigation water
- Laws
- Legal aspects
- Legislation
- Litigation
- Mill dams
- Municipal water
- Natural use
- Navigation
- Obstruction to flow
- Ownership of beds
- Prescriptive rights
- Prior appropriation
- Pueblo water rights
- Reasonable use
- Recreation
- Relative rights
- Remedies
- Riparian land
- Riparian waters
- Severance
- Stock water
- Usufructuary right
- Waste disposal
- Water law
- Water pollution
- Watersheds (divides)
- Water sources
- Water utilization
- Wildlife conservation

Riparian water loss 0808

- BT -Losses
- Water loss
- RT Banks
- Beds
- Evaporation
- Evapotranspiration
- Seepage
- Transpiration

Riparian waters 0808

- RT -Riparian rights

Rip currents 0803

- BT -Currents (water)
- Ocean currents
- RT Coasts
- Ocean beaches
- Waves
- Waves (water)

Rippers

- USE Scarifiers

Ripping 1315

- RT -Cutting
- Excavation
- Fractures (geology)
- Hardness
- Joints (geology)

Ripple marks 0807

- RT -Currents (water)
- Erosion
- River beds
- Sand waves
- Sedimentary structures
- Shores
- Surface properties
- Surfaces
- Waves
- Waves (water)
- Wind (meteorology)

Ripples

- USE Waves (water)

Riprap 1303

- BT -Construction materials
- RT Aprons
- Armoring (streambed)
- Bank protection
- Banks
- Bank stabilization
- Bedding materials
- Blankets
- Breakwaters
- Channel improvements
- Channel protection
- Cobbles
- Crushed stone
- Dam facings
- Earth dams
- Embankments
- Engineering structures
- Erosion control
- Freeze-thaw tests
- Linings
- Plunge basins
- Quarries
- Reinforcement
- Revetments
- River training
- Rock blankets
- Rocks
- Rubble
- Selected materials
- Shore protection
- Slope protection
- Slope stabilization
- Stones
- Stream stabilization
- Wave action
- Wave run-up

Risks 0503

- UF Uncertainty
- RT Acceptability
- Earnings
- Economic efficiency
- Economic life
- Economics
- Estimating
- Forecasting
- Game theory
- Insurance
- Insurance costs
- Legal aspects
- Management
- Marginal benefits
- Marginal income
- Mathematical models
- Operations research
- Profit

River bank protection

- USE Bank protection

River basin commissions 0504

- RT Interstate commissions
- River basin development
- River basins

THESAURUS OF TERMS

ROAD DESIGN

River basin development 1302

- UF Basin-wide development
- River basin planning
- RT Drainage systems
- Fish and wildlife
- Flood control
- Flood plain zoning
- Hydroelectric power
- Irrigation
- Municipal water
- Optimum development plans
- Planning
- Potential hydropower
- Public utilities
- Recreation facilities
- River basin commissions
- River basins
- Transportation
- Utilities
- Water resources
- Water resources development
- Watershed management
- Water supply

River basin planning

USE River basin development

River basins 0808

- BT Land forms
- Regions
- Watersheds (basins)
- RT Basins
- Catchments
- Drainage
- Drainage basins
- Flood control
- Flood forecasting
- Hydrology
- Interbasin water transfers
- Large watersheds
- Peak runoff
- Potamology
- Precipitation (atmospheric)
- River basin commissions
- River basin development
- River systems
- Runoff
- Streamflow
- Surface runoff
- Surface waters
- Valleys
- Water conservation
- Water table

River beds 0808

- BT Beds
- Land forms
- Streambeds
- RT Banks
- Beds under water
- Channel beds
- Channels
- Dam foundations
- Damsites
- Dry beds
- Movable bed models
- Navigable rivers
- Ripple marks
- Rivers
- Sediments
- Streambed profiles
- Stream channels

River channel control

USE River training

River channel improvements

USE River training

River channels

USE Stream channels

River closures 1313.1

- RT Cofferdams
- Construction
- Dams
- Diversion dams
- Diversion tunnels
- Diversion works
- Rivers

River currents 0808

- UF Currents (river)
- BT Flow
- Movement
- RT Bank erosion
- Channel erosion
- Current meters
- Flood forecasting

- Flood routing
- Fluid flow
- Hydrology
- Open channel flow
- Rivers
- River training
- Runoff
- Stream erosion
- Streamflow
- Stream gages
- Streams
- Velocity distribution

River flow 0808

- BT Channel flow
- Flow
- Fluid flow
- Movement
- Streamflow
- NT Flow velocity
- Natural flow
- Regulated flow
- RT Converging flow
- Flood plains
- Floods
- Flow duration
- Flow patterns
- Fluvial hydraulics
- High velocity
- Hydraulics
- Low-flow augmentation
- Movable bed models
- Perennial streams
- Regulation
- Reregulation
- River forecasting
- Rivers
- River training
- Runoff
- Selective level releases
- Water stage recorders

River forecasting 0808

- BT Forecasting
- Water supply forecasting
- RT Antecedent precipitation
- Flood control
- Flood forecasting
- Flood routing
- Fluvial hydraulics
- Hydrograph analysis
- Hydrologic data
- Hydrometeorology
- Precipitation (atmospheric)
- Rainfall
- Recession curves
- Reservoir operation
- River flow
- River regulation
- Rivers
- Runoff
- Stage-discharge relations
- Streamflow forecasting
- Unit hydrographs
- Warning systems
- Water supply

River hydraulics

USE Open channel flow

River improvements

USE River training

River meandering

USE Stream meandering

River pollution

USE Stream pollution

River rectification

USE River training

River regulation 0808

- BT Regulation
- Reregulation
- NT River training
- RT Backwater profiles
- Dams
- Flood control
- Flood forecasting
- Fluvial hydraulics
- Hydraulic engineering
- Hydrographs
- Hydrology
- Levees
- Low-flow augmentation
- Project benefits
- River forecasting
- Rivers

- Runoff
- Stable channels
- Water control

Rivers 0808

- (large streams)
- BT Bodies of water
- Land forms
- Running waters
- Streams
- Surface waters
- Water
- Waterways
- NT Interstate rivers
- Natural streams
- Navigable rivers
- Wild rivers
- RT Backwater profiles
- Banks
- Braiding
- Calcification
- Channel beds
- Deltas
- Drainage systems
- Estuaries
- Fixed-bed models
- Flood plains
- Fluvial morphology
- Geomorphology
- Groundwater hydrology
- Harbors
- Headwaters
- Ice breakup
- Ice jams
- Inflow
- Inland waterways
- Interfluvies
- Large watersheds
- Meanders
- Non-navigable waters
- Perennial streams
- Potamology
- Reaches (distance)
- Revetments
- River beds
- River closures
- River currents
- River flow
- River forecasting
- River regulation
- River systems
- River training
- Runoff
- Stream channels
- Tributaries
- Valleys
- Water
- Water plans
- Water resources
- Watersheds (basins)
- Watersheds (divides)
- Water surface
- Water surface profiles

River systems 0808

- RT Drainage systems
- Fluvial morphology
- River basins
- Rivers
- Synthetic hydrology
- Tributaries
- Watersheds (basins)

River traffic

USE Water transportation

River training 1302.3

- UF Channel control (river)
- Channel rectification
- Rectification (river)
- River channel control
- River channel improvements
- River improvements
- River rectification
- Stream training
- BT Regulation
- River regulation
- RT Bank erosion
- Bank stabilization
- Bypasses
- Channel erosion
- Channel improvements
- Cutoffs
- Dikes
- Dredging
- Erosion control
- Fluvial hydraulics
- Groins (structures)
- Jacks (structural shape)

- Levees
- Meanders
- Reregulation
- Revetments
- Riprap
- River currents
- River flow
- Rivers
- Stable channels
- Stream stabilization
- Water control

River transportation

USE Water transportation

River valley

USE Stream valley

Riveted joints 1305

- BT Joints (connections)
- RT Bolted joints
- Building codes
- Butt joints
- Lap joints
- Mechanical fasteners
- Pipe joints
- Riveting
- Steel plates
- Steel structures
- Welded joints
- Wicks

Riveting 1308

- RT Building codes
- Gusset plates
- Joints (connections)
- Plate girders
- Riveted joints
- Steel plates
- Steel structures

Roadbanks 1302.4

- BT Embankments
- RT Bank protection
- Banks
- Bank stability
- Bank stabilization
- Cuts
- Cut slopes
- Earthworks
- Erosion control
- Fills
- Graded
- Grading (earthwork)
- Highway engineering
- Highways
- Leapeders
- Paving
- Railroads
- Road construction
- Road design
- Roads
- Slope protection
- Slopes
- Slope stability
- Turf
- Turf grasses
- Vegetation establishment

Road construction 1315

- BT Construction
- RT Asphalt plants
- Base courses
- Bituminous concretes
- Bridge construction
- Concrete construction
- Construction control
- Cuts
- Earth handling equipment
- Excavation
- Fills
- Graded
- Grading (earthwork)
- Highway engineering
- Highway relocation
- Highways
- Overhaul
- Pavements
- Paving
- Roadbanks
- Road design
- Roads
- Rock crushers
- Roller fills
- Surfacing

Road design 1302.4

- BT Design
- RT Alinement

USE = Use preferred term; UF = Used for; BT = Broader term; NT = Narrower term; RT = Related term.

ROADS.

Road design (Con.)

- Asphalts
- Base courses
- Bridge design
- Concretes
- Construction materials
- Curves
- Cuts
- Cut slopes
- Fills
- Flexible pavements
- Highway engineering
- Highways
- Horizontal curves
- Pavements
- Roadbanks
- Road construction
- Roads
- Trigonometry

Roads 1302.4

- NT Access roads
- Access routes
- Highways
- Scenic highways
- Streets
- RT Alignment
- Asphalt cement
- Automobiles
- Base courses
- Berms
- Bituminous cements
- Bituminous concretes
- Borrow materials
- Borrow pits
- Bridge decks
- Cationic asphalt emulsions
- Concretes
- Culverts
- Cutback asphalts
- Dam crests
- Embankments
- Flexible pavements
- Highway bridges
- Highway engineering
- Horizontal curves
- Landscaping
- Pavements
- Paving
- Reinforced concrete
- Roadbanks
- Road construction
- Road design
- Scenery
- Snow removal
- Subbase
- Subgrade
- Trafficability
- Transportation
- Tunnels
- Urbanization
- Vegetation establishment
- Washouts

Roanoke bass 0603.2

- UF Ambloplites cavitrans
- BT -Animals
- Aquatic animals
- Aquatic life
- Fish
- Freshwater fish
- Pan fish
- Perches
- Sunfishes
- Wildlife
- RT Bass

Robinia pseudoacacia

- USE Black locust trees

Roccus americanus

- USE White perch

Roccus erythrops

- USE White bass

Roccus mississippiensis

- USE Yellow bass

Roccus saxatilis

- USE Striped bass

Rock alteration 0807

- RT -Chemical degradation
- Rock breakage
- Rock competency
- Rocks
- Weathering

Rock bass 0603.2

- UF Ambloplites rupestris
- BT -Animals
- Aquatic animals
- Aquatic life
- Fish
- Freshwater fish
- Pan fish
- Perches
- Sunfishes
- Wildlife
- RT Bass

Rock blankets 1313.1

- BT -Blankets
- Pervious blankets
- RT -Dams
- Earth dams
- Earth linings
- Erosion control
- Gravel blankets
- Pervious linings
- Riprap
- Rock fills
- Rocks
- Rubble
- Self-spillway dams
- Slope protection

Rock bolts 1305

- BT -Bolts
- Fasteners
- Mechanical fasteners
- NT Roof bolts
- RT Anchor bolts
- Anchors
- In situ rock
- Posttensioning
- Pull tests
- Railroad tunnels
- Rock competency
- Rock excavation
- Rock foundations
- Rock mechanics
- Rock pressures
- Shatts (mining)
- Structural behavior
- Supports
- Tunnel construction
- Tunnel design
- Tunneling
- Tunnel pressures
- Tunnels
- Tunnel supports
- Underground powerplants
- Underground structures
- Unlined tunnels
- Vehicular tunnels
- Water tunnels (conveyance)

Rock breakage 1315

- RT -Blasting
- Cleavage
- Crushing
- Drilling
- Explosive excavation
- Fragmentation
- Grinding
- Nuclear excavation
- Overbreak
- Presplit blasting
- Quarrying
- Rapid excavation
- Rock alteration
- Rock crushers
- Rock excavation
- Rock mechanics
- Rock noise
- Rocks
- Spalling
- Tunnel construction
- Tunneling

Rock competency 0807.1

- RT -Bearing capacity
- Bearing strength
- Flat jack method
- Foundation bearing tests
- Foundation failure
- Foundation rocks
- Jacking tests
- Rock alteration
- Rock bolts
- Rock density
- Rockfalls
- Rock foundations
- Rock mechanics
- Rock noise
- Rock pressures

Rock properties

- Rocks
- Rocksides
- Rock slope stability
- Tunnel failure
- Tunneling
- Tunnels
- Tunnel supports
- Unlined tunnels

Rock crushers 1303

- BT -Construction equipment
- Earth handling equipment
- Equipment
- RT Crushed stone
- Crushing
- Quarrying
- Road construction
- Rock breakage
- Rock excavation

Rock density 0807.1

- BT -Density
- Physical properties
- RT -Aggregates
- In place density
- Rock competency
- Rock properties
- Rocks
- Rock slope stability
- Specific gravity
- Specific weight
- Unit weight
- Weight

Rockets 1907

Rock excavation 1315

- BT -Excavation
- RT -Blasting
- Charges (explosives)
- Detonation
- Drill holes
- Drilling equipment
- Earthworks
- Excavators
- Explosive construction
- Explosive excavation
- Explosives
- High explosives
- In situ rock
- Nuclear excavation
- Overbreak
- Overexcavation
- Presplit blasting
- Quarries
- Quarrying
- Rapid excavation
- Rock bolts
- Rock breakage
- Rock crushers
- Rock foundations
- Rock properties
- Rocks
- Rock slope stability
- Rock bolts
- Smooth wall blasting
- Tunnel construction
- Tunneling
- Tunneling machines
- Underground powerplants
- Underground structures

Rockfalls 0807

- RT -In situ rock
- Landslides
- Rock competency
- Rock mechanics
- Rock pressures
- Rocks
- Rocksides
- Rock slope stability
- Talus
- Tunnel linings
- Weathering

Rockfill dams 1313.1

- BT -Dams
- Earthworks
- RT Cofferdams
- Dam design
- Earth dams
- Embankments
- Fills
- Gravity dams
- Phreatic lines
- Rock fills
- Rock mechanics
- Rocks

- Rock slope stability
- Transition zones
- Zoned embankments

Rock fills 1313

- BT -Fills
- RT Backfills
- Construction
- Earth dams
- Earthfill
- Rock blankets
- Rockfill dams
- Rocks
- Rocksides
- Rock slope stability
- Rollled fills

Rock flour 0807

- UF Glacial flour
- BT -Earth materials
- Fine-textured soils
- Geologic deposits
- Materials
- Soils
- Soil types
- RT Crushed stone
- Fine-grained soils
- Fines
- Glacial deposits
- Glaciation
- Rocks
- Silt

Rock foundations 1313.6

- BT -Foundations
- Rigid foundations
- RT -Bearing capacity
- Bearing strength
- Blasting
- Blasts
- Dam foundations
- Drilling
- Explosive excavation
- Flat jack method
- Foundation bearing tests
- Foundation investigations
- Foundation modulus
- Foundation rocks
- Grouting
- In situ rock
- Jacking tests
- Overbreak
- Overexcavation
- Rock bolts
- Rock competency
- Rock excavation
- Rock mechanics
- Rock properties
- Rocks

Rock glaciers 0807

- RT Cirques
- Erosion
- Glaciers
- Landslides
- Mass wasting
- Rocks
- Rocksides
- Talus

Rock mechanics 0807.1

- RT -Blasting
- Craters
- Creep
- Deformation
- Drilling
- Engineering geology
- Excavation
- Foundations
- Geology
- In situ rock
- Jacking tests
- Landslides
- Mechanical properties
- Mining
- Mohr circle
- Mohr envelope
- Mohr failure theory
- Quarries
- Quarrying
- Rapid excavation
- Relief vaults
- Rock bolts
- Rock breakage
- Rock competency
- Rockfalls
- Rockfill dams
- Rock foundations
- Rock noise

HESAURUS OF TERMS

Rock mechanics (Con.)

Rock pressures
Rock properties
-Rocks
Rockslides
Rock slope stability
Rock tests
Roof bolts
Roof supports
Shells (mining)
Soil mechanics
Structural geology
-Tunnel construction
Tunnel design
Tunnel failure
Tunneling
-Tunnels
-Underground structures

Rock noise 0807

BT -Mechanical waves
-Microseisms
RT Cracking
-Elastic waves
Geophones
-Geophysics
-Landslides
-Noise (sound)
Rock breakage
Rock competency
Rock mechanics
Rock pressures
Rock properties
Rockslides
Rock slope stability
Seismic investigations
-Seismic waves
Tunnel failure
Tunneling

Rock pressures 0807.1

BT -Pressure
RT -Earth pressure
-Excavation
-In situ rock
-Loads (forces)
-Microseisms
-Mining
Pressure distribution
-Rock bolts
Rock competency
Rockfalls
Rock mechanics
Rock noise
Soil pressure
Stress concentration
Subsurface investigations
-Tunnel construction
Tunnel design
Tunnel failure
Tunneling
Tunnel linings

Rock properties 0807

BT -Properties
RT Aquifer characteristics
Capillary action
-Chemical properties
-Density
Elasticity (mechanical)
Electrical resistivity
Folds (geology)
Foundation rocks
Geophysical logging
Hardness
-Hydrologic properties
-In situ rock
Jacking tests
-Logging (recording)
-Mechanical properties
Percolation
Permeability
-Petrography
-Petrology
-Physical properties
Porosity
Radioactivity
-Resistivity
Rock competency
Rock density
Rock excavation
Rock foundations
Rock mechanics
Rock noise
-Rocks
Rock slope stability
Rock tests
-Sedimentary rocks
Seismic properties
Shear strength

Solubility
Soluble rocks
-Strength
-Stress
Thermal conductivity
Tunneling
-Well logging

Rocks 0807

NT -Acidic rocks
Andesite
Basalt
-Basic rocks
Bedrock
Boulders
Breccia
-Calcareous rocks
Calcite
Caliche
-Carbonate rocks
Chalk
Chert
Clay shales
Claystones
-Coal
Conglomerate rocks
-Crystalline rocks
Diabase
Diatomite
Diorite
Dolomite
Foundation rocks
Gabbro
Gneiss
Granite
-Igneous rocks
-In situ rock
-Intermediate rocks
Lava
Lignite
-Limestone
Marble
Marl
-Metamorphic rocks
Mudstone
Oil shale
Pegmatites
Perlite
-Plutonic rocks
Pumice
Quartzite
Rhyolite
Sandstone
Schist
-Sedimentary rocks
Sedimentary tuff
-Shale
Siltstone
Slate
Soluble rocks
Syenite
-Tuff
Ultrabasic rocks
-Volcanic rocks

RT

Backfills
Beds (geology)
Coarse aggregates
Cobbles
Connate water
Dam facings
Detrital soils
-Embankments
Folds (geology)
Foliation
-Geologic deposits
-Geologic formations
-Geology
Lithification
Magma
Mineral content
Mineralogy
-Minerals
-Mines
Monoliths
Outcrops
Overburden
Petrofabrics
Petrographic investigations
-Petrography
-Petrology
Quarries
Quarrying
Residual soils
-Rigid foundations
Riprap
Rock alteration
Rock blankets
Rock breakage
Rock competency

Rock density
Rock excavation
Rockfalls
Rockfill dams
Rock fills
Rock flour
Rock foundations
Rock glaciers
Rock mechanics
Rock properties
Rockslides
Rock slope stability
Rubble
Rubble masonry
Rubble mounds
Shells (mining)
-Soils
Stones
Stratigraphy
Talus

Rock sausages

USE Gabions

Rockslides 0807

BT -Earth movements
-Landslides
-Mass wasting
RT Anchor bolts
-Avalanches
Critical slopes
Debris avalanches
Engineering geology
-Erosion
-In situ rock
-Mass wasting
Rock competency
Rockfalls
Rock fills
Rock glaciers
Rock mechanics
Rock noise
-Rocks
Rock slope stability
Sliding
Slipping
Slip planes
Slip surface
Slope protection
-Slope stability
Slope stabilization
-Stability analysis
Tunnel failure

Rock slope stability 0807.1

BT -Slope stability
-Stability
RT Anchor bolts
-Avalanches
Cuts
Cut slopes
-Earth dams
-In situ rock
-Landslides
Rock competency
Rock density
Rock excavation
Rockfalls
Rockfill dams
Rock fills
Rock mechanics
Rock noise
Rock properties
-Rocks
Rockslides
Rolled fills
Slip-circle method
Slip planes
Slip surface
Slope angles
Slope protection
Slope stabilization
-Stability analysis

Rock tests 1402

BT -Materials tests
-Tests
RT -Compression tests
-Dynamic tests
-In situ tests
Jacking tests
-Mechanical properties
-Permeability tests
-Physical properties
Plate load tests
Pull-out tests
Rock mechanics
Rock properties
-Shear tests

ROLLER-MOUNTED GATES

Sonic velocity tests
Static tests
Tension tests
Triaxial tests

Rodenticides 0606

BT -Chemicals
-Pesticides
-Poisons
RT -Animal control
-Rodents

Rodents 0603.2

BT -Animals
-Mammals
-Small animals (mammals)
NT Beavers
Gophers
Muskrats
RT Animal groupings
-Aquatic animals
Burrows
-Damages
Laboratory animals
Mammal groupings
Rodenticides
-Small game
-Wildlife

Rod mills 1309

BT -Grinders
-Industrial plants
-Mills
RT Ball mills
Crushing
Grinding
Ores

Rods 1407

NT Tie rods
RT -Bars
Dowels
Extrusions
-Steel
Structural shapes
-Wire

Rolled fills 1313

BT -Fills
RT Backfills
Compacted soils
-Compaction
-Compaction equipment
Densification
Dikes
-Earth dams
-Earthfill
-Earthworks
-Embankments
Landfills
Levees
Lifts (construction)
Pneumatic tired rollers
Road construction
Rock fills
Rock slope stability
-Rollers
Rolling
-Slope stability
Soil compaction
Tamping rollers

Roller bearings 1309

BT -Bearings
RT Bearing pressure
Journal bearings
Thrust bearings

Roller gates 1313.7

BT -Gates
-Hydraulic equipment
-Hydraulic gates
RT Emergency gates
Fixed wheel gates
Floodgates
-Fluid mechanics
-Hoisting machinery
Sector gates
Sluice gates
Spillway gates
-Spillways

Roller-mounted gates 1313.7

BT -Gates
-Hydraulic gates
RT Fixed wheel gates
Floodgates
Stoney gates

ROLLERS

Rollers 1309

- BT -Construction equipment
- Equipment
- NT Drum rollers
- Pneumatic tired rollers
- Sheepsfoot rollers
- Tamping rollers
- RT Brushes
- Compaction
- Compaction equipment
- Conveyors
- Earth handling equipment
- Mobile equipment
- Painting
- Roller fills
- Rolling
- Soil compaction
- Tires
- Wheels

Rolling 1315

- RT Cladding
- Cold-rolled steel
- Compaction
- Compaction equipment
- Densification
- Earthworks
- Extrusions
- Materials forming
- Roller fills
- Rollers
- Soil compaction

Roll waves 2004

- BT -Mechanical waves
- Waves
- Waves (water)
- RT Eddies
- Slug flow
- Silling basins
- Turbulence

Roll bolts 1305

- BT -Bolts
- Fasteners
- Mechanical fasteners
- Rock bolts
- RT Relief vaults
- Rock excavation
- Rock mechanics
- Roots
- Tunnel construction
- Tunnel design
- Tunneling
- Tunnels
- Tunnel supports
- Underground powerplants
- Underground structures

Roof failures 1313.5

- RT Roofing materials
- Roofs
- Sheeting
- Snow
- Snowfall
- Wind (meteorology)
- Wind pressure

Roofing materials 1303

- BT -Building materials
- Construction materials
- Materials
- RT -Asphalt cement
- Asphalts
- Bluminous cements
- Impervious membranes
- Metals
- Plastics
- Roof failures
- Roofs
- Rubber
- Slate
- Surfacing
- Tiles

Roofs 1313.4

- RT -Buildings
- Canopy
- Protective coverings
- Residences
- Roof bolts
- Roof failures
- Roofing materials
- Roof supports
- Sheathing
- Small structures

Roof supports 1313.5

- BT -Supports

RT -Beams (structural)

- Bracing
- Ribs
- Rock mechanics
- Roots
- Stiffeners
- Structural members
- Tunnel construction
- Tunneling
- Tunnels

Root development 0603.1

- RT -Growth stages
- Plant growth
- Planting management
- Plant physiology
- Rhizosphere
- Root distribution
- Root systems
- Root zone
- Seeding

Root distribution 0603.1

- RT Distribution patterns
- Geotropism
- Growth stages
- Nutrients
- Root development
- Root systems
- Root zone
- Soil-water-plant relationships

Rooted aquatic plants 0603.1

- BT -Aquatic life
- Aquatic plants
- Plants (botany)
- NT -Amphibious plants
- Bulrush
- Cattails
- Sage pondweed
- Widgeon grass
- Wild rice
- RT -Aquatic weeds
- Marine plants
- Periphyton
- Plant groupings
- Rice
- Riparian plants
- Submerged plants
- Submersed weeds

Roots

- USE Root systems

Root systems 0603.1

- UF Roots
- RT -Absorption
- Frost heaving
- Geotropism
- Growth stages
- Nutrients
- Phloem
- Plant growth
- Plant morphology
- Plant physiology
- Rhizomes
- Root development
- Root distribution
- Root zone
- Soil-water-plant relationships
- Water utilization
- Xylem

Root zone 0603.1

- RT -Application methods
- Cultivation
- Deep percolation
- Moisture availability
- Phreatophytes
- Rhizosphere
- Root development
- Root distribution
- Root systems
- Soil moisture
- Soil-water-plant relationships
- Subsoil
- Underground
- Water application rate
- Wilting point

Rotary compressors

- USE Compressors

Rotary drillers

- USE Rotary drilling

Rotary drilling 1308

- UF Rotary drillers
- BT -Drilling

RT Auger borings

- Augers
- Boreholes
- Boring
- Boring machines
- Cone drilling
- Drill holes
- Drilling equipment
- Drifts
- Exploration
- Percussion drilling
- Sampling
- Soil investigations
- Wells

Rotary pumps 1311

- BT -Hydraulic machinery
- Machines
- Pumps
- NT Centrifugal pumps
- Propeller pumps
- RT Aerial flow
- Fans
- Mixed flow pumps
- Pumping
- Pump turbines

Rotating components 1309

- UF Components (rotating)
- Rotating parts
- RT -Electric generators
- Hydraulic turbines
- Impellers
- Pumps
- Rotors
- Stators
- Turbine runners

Rotating machines 1309

- NT -Electric generators
- Electric motors
- Hydraulic turbines
- Motor generators
- Pumps
- Synchronous machines
- Turbines
- RT Air circulation
- Air compressors
- Core drilling
- Drilling equipment
- Hydraulic machinery
- Power transmission (mechanical)
- Tunneling machines

Rotating meters 1402

- BT -Equipment
- Instrumentation
- Measuring instruments
- RT Current meters
- Orifice meters
- Stream gages
- Velocity
- Velocity meters
- Water meters

Rotating parts

- USE Rotating components

Rotation 2011

- RT Centrifugal force
- Centripetal force
- Circulation
- Coriolis force
- Crop production
- Dry land farming
- Erosion control
- Fallowing
- Farm management
- Fish farming
- Irrigation practices
- Motion
- Potential flow
- Rotational flow
- Torque
- Torsion
- Twisting
- Twisting stress
- Velocity
- Vortices
- Water conservation

Rotational flow 2004

- BT -Flow
- Movement
- RT Cavitation
- Eddies
- Flow patterns
- Fluid flow
- Jets

- Mixing
- Rotation
- Turbulence
- Vortices

Rotation grazing

- USE Grazing

Rotenone 0606

- BT -Fish control agents
- RT -Insecticides
- Pesticides
- Piscicides

Rotifers 0603.2

- BT -Animals
- Aquatic animals
- Aquatic life
- Aquatic microorganisms
- Invertebrates
- Microorganisms
- Plankton
- Seston
- Zooplankton

Rotors 1307

- NT Impellers
- Turbine wheels
- RT Blades
- Electrical equipment
- Electric generators
- Electric motors
- Induction motors
- Rotating components
- Stators
- Turbine parts
- Turbines
- Wheels

Rots 0601

- BT -Diseases
- Plant diseases
- RT -Decomposing organic matter
- Decomposition
- Epiphytology

Rough fish 0603.2

- UF Coarse fish
- BT -Animals
- Aquatic animals
- Aquatic life
- Fish
- Wildlife
- RT Animal groupings
- Carp
- Catfishes
- Fish types
- Freshwater fish
- Lampreys
- Sharks

Roughness 1407

- NT Bed roughness
- Roughness (hydraulic)
- RT Contours
- Flat surfaces
- Friction
- Friction coefficient (hydraulic)
- Friction coefficient (mechanical)
- Friction piles
- Friction tests
- Roughness coefficient
- Smoothness
- Surface properties
- Tunnel linings
- Unlined tunnels

Roughness (hydraulic) 2004

- UF Channel roughness
- Hydraulic roughness
- BT -Physical properties
- Roughness
- RT Abrasion
- Bed roughness
- Beds
- Channel flow
- Channels
- Chezy equation
- Coefficients
- Flow resistance
- Fluid friction
- Friction
- Friction coefficient (hydraulic)
- Head losses
- Hydraulic design
- Hydraulics
- Hydrostatic pressure
- Kutter formula
- Mannings equation

THESAURUS OF TERMS

RUPTURING

Roughness (hydraulic) (Con.)

Open channel flow
-Open channels
Relative roughness
-Resistance
Retardance
Rigidity
Roughness coefficient
Tunnel hydraulics

RT Copper tubing
Flexible tubing
Hose fittings
Hoses
Piping systems (mechanical)
Plastic tubing
-Rubber
Rubber pipes

Hydrologic cycle
Lotic environment
Navigable rivers
Non-navigable waters
-Runoff
Scour
-Sedimentation
Sedimentation rates
-Sediment load
-Sediment transport
-Standing waters
Stream erosion
-Subsurface waters
-Surface waters
Suspended load
Suspended sediments
Suspended solids
-Traction forces
-Water types

-Soil water
-Storms
-Streamflow
Streamflow depletion
Streamflow forecasting
-Streams
Surface-groundwater relationships
-Surface waters
Suspended load
Suspended sediments
Suspended solids
Terraces
Terracing
Time lag
Time series analysis
Vegetation effects
Water balance
Water conservation
Water harvesting
-Water loss
-Watersheds (basins)
Watersheds (divides)
Water sources
-Water supply forecasting
-Water types
-Water yield
Water yield improvement

Roughness coefficient 2004

BT -Coefficients
RT Abrasion
Bed roughness
Fluid friction
-Friction
Friction coefficient (mechanical)
Hazen-williams equation
Head losses
Kutter formula
Mannings equation
-Resistance
-Roughness
Roughness (hydraulic)
-Surface properties
Test canals
Tunnel hydraulics

Rubble 1303

RT -Aggregates
Debris
Detrital soils
Detritus
Riprap
Rock blankets
-Rocks
Rubble masonry
Rubble mounds
Shore protection
Stones

Runoff 0808

NT Overland flow
Peak runoff
Storm runoff
Subsurface runoff
Surface runoff
RT Annual floods
Antecedent precipitation
Base flow
Clear-cutting
-Cutting management
Demonstration watersheds
Depth-area-duration analysis
Design storm
-Discharge (water)
-Drainage
Drainage basins
Droughts
Duration curves
Excess water (soils)
Flood control
Flood forecasting
Flood hydrographs
Flood peaks
Flood routing
-Floods
Floodwater
Flood waves
-Flow
Flow duration
Flow duration curves
Fluvial hydraulics
Frequency curves
Geomorphology
Glaciers
Groundwater movement
-Hydrographs
Hydrologic budget
Hydrologic cycle
Hydrologic equation
-Hydrology
Hydrophase diagrams
Infiltration
Interfluvies
Karst
Large watersheds
Leaching
Lysimeters
Mass curves
Maximum probable flood
Percolation
-Precipitation (atmospheric)
Probable maximum precipitation
Rain
-Rainfall
Rainfall disposition
Rainfall intensity
Rainfall-runoff relationships
Rational formula
Recession curves
Recirculating irrigation system
-Reservoirs
River basins
River currents
-River flow
River forecasting
-River regulation
-Rivers
-Routing
-Running waters
Runoff coefficient
Runoff forecasting
Safe yield
-Slopes
-Snow
Snow management
Snowmelt
Soil conservation
Soil erosion

Runoff coefficient 0808

BT -Coefficients
RT Peak discharge
Peak floods
-Precipitation intensity
Rainfall-runoff relationships
Rational formula
-Runoff
Runoff forecasting
-Watersheds (basins)

Runoff forecasting 0808

UF Flow forecasting
Runoff predicting
BT -Forecasting
-Water supply forecasting
RT Annual floods
Depth-area-duration analysis
Duration curves
Flow duration
Infiltration
-Precipitation intensity
Rainfall intensity
-Runoff
Runoff coefficient
-Slopes
Snowmelt
Storm structure
Time series analysis

Runoff predicting USE Runoff forecasting

Runs USE Streams

Runways 0105

RT -Aircraft
Airports
Base courses
Concrete pavements
Flexible pavements
Hard surfacing
-Pavements
Paving
-Rigid pavements
Subbase
Subgrade

Ruppia maritima USE Ditch grass

Rupture (dams) USE Dam failure

Rupture modulus 2012

BT -Coefficients
-Mechanical properties
RT -Failure (mechanics)
-Fractures
Rupturing
-Strain
-Strength
Strength of materials
-Stress

Rupturing 2012

RT Cracking
-Damages
Dam breaches
Dam failure

Routing 1407

UF Streamflow routing
BT -Water management (applied)
NT Flood routing
RT Bypasses
-Canals
-Channels
-Circulation
Deflection
-Discharge (water)
-Distribution
-Distribution systems
Diversion structures
-Flow
-Forecasting
-Hydraulics
-Hydrographs
Hydrography
Inflow
-Inland waterways
Materials handling
Navigation
-Planning
Production control
-Reservoir operation
-Reservoirs
Reservoir yield
-Runoff
Scheduling
-Streamflow
-Streamflow depletion
Streamflow forecasting
Water control
-Water storage

Rowboats USE Boats

Royalties 0503

RT -Costs
-Income
Investment
-Licenses
Patents
-Payment
Permits
Revenues

Rubber 1110

BT -Building materials
-Construction materials
-Elastomers
-Materials
NT Foam rubber
Synthetic rubber
RT -Materials
-Protective coatings
Roofing materials
Rubber pipes
Rubber tubing

Rubber pipes 1311

BT -Closed conduits
-Pipes
RT -Rubber
Rubber tubing

Rubber tired rollers

USE Pneumatic tired rollers

Rubber tubing 1311

BT -Tubes

Rubble masonry 1303

BT -Masonry
RT -Cements
Concrete masonry
-Concretes
-Construction materials
Masonry dams
Monoliths
-Mortars
-Rocks
Rubble
Stones
-Walls

Rubble mounds 1313.1

RT Breakwaters
Harbors
Jetties
-Rocks
Rubble
Sea walls
Stones

Ruddy duck 0603.2

UF Oxyura jamaicensis
BT -Animals
-Aquatic life
-Birds
-Ducks (wild)
-Migratory birds
-Waterfowl
-Wildlife

Ruminants 0603.2

BT -Animals
-Mammals
NT Cattle
Deer
Sheep
RT Animal groupings
-Domestic animals
-Livestock
Mammal groupings

Running waters 0808

BT -Bodies of water
NT Acid streams
Alluvial streams
Cold streams
Ephemeral streams
Geysers
-Hot springs
Interstate rivers
Lake bottom springs
Natural streams
-Non-perennial streams
Perennial streams
-Rivers
-Springs (water)
-Streams
-Thermal springs
Tributaries
Warm springs
-Wild rivers
RT Canyons
-Channels
-Conduits
-Currents (water)
Degradation (stream)
-Drainage
-Erosion
-Floods
-Flow
-Fresh water
-Gaging stations
Geomorphology
-Groundwater

RURAL AREAS

Rupturing (Con.)

- Failure (mechanics)
- Rapid drawdown
- Rupture modulus

Rural areas 0806

- BT -Regions
- RT Agriculture
- Community development
- Land use
- Rural electrification
- Rural sociology

Rural electrification 0901.1

- RT -Electric power
- Electric power distribution
- Farms
- Rural areas
- Transmission (electrical)
- Transmission lines

Rural sociology 0511

- BT -Social aspects
- Social sciences
- Sociology
- RT Agricultural economics
- Agriculture
- Area redevelopment
- Community development
- Rural areas
- Social mobility
- Urban sociology

Rust control 1113

- UF Rust inhibiting agents
- Rust inhibitors
- Rust prevention
- BT -Corrosion control
- RT Cathodic protection
- Galvanizing
- Protective coatings
- Rusting
- Weatherproofing

Rusting 1113

- BT -Corrosion
- RT -Chemical degradation
- Chemical reactions
- Iron compounds
- Iron oxides
- Oxidation
- Pitting
- Rust control
- Scale (corrosion)
- Sealing
- Weathering

Rust inhibiting agents

- USE Rust control

Rust inhibitors

- USE Rust control

Rust prevention

- USE Rust control

Rusts (fungi) 0603

- BT -Diseases
- Plant diseases
- RT Epiphytology
- Fungi

Saccharum officinarum

- USE Sugarcane

Sac fry

- USE Fry

Safety 1312

- NT Fire safety
- Nuclear safety
- RT -Accidents
- Avalanches
- Blasts
- Building codes
- Camping
- Compressed air
- Demolition
- Detectors
- Detonation

- Disasters
- Drowning
- Employee relations
- Environmental engineering
- Fatigue (physiology)
- Fire alarm systems
- Fires
- First aid
- Freeboard
- Goggles
- Hazards
- Health
- Mines
- Mining engineering
- Morale
- Motor vehicle accidents
- Nuclear physics
- Occupations
- Public health
- Recreation
- Reliability
- Reservoir operation
- Safety factors
- Shafts (mining)
- Shelters
- Shock (physiology)
- Storage
- Toxicity
- Ventilation
- Wrecks

Safety factors 1313

- RT Allowable stress
- Dam design
- Dam stability
- Design
- Design assumptions
- Design criteria
- Design earthquake
- Design standards
- Design strength
- Dynamic stability
- Reliability
- Safety
- Seismic stability
- Sliding resistance
- Skip-circle method
- Skip planes
- Skip surface
- Slope angles
- Slopes
- Slope stability
- Stability
- Stability analysis
- Strength
- Stress analysis
- Structural analysis
- Structural behavior
- Structural design
- Structural engineering
- Structural models
- Structural stability
- Structures

Safe yield 0808

- UF Yield (sale)
- RT -Aquifers
- Depletion
- Forecasting
- Groundwater
- Groundwater basins
- Hydrographs
- Hydrologic equation
- Project planning
- Pumping
- Rates
- Reservoir yield
- Runoff
- Streamflow
- Water yield
- Water yield improvement
- Withdrawal

Sagebrush 0603.1

- BT -Brush
- Crops
- Dicots
- Horticultural crops
- Phreatophytes
- Plants (botany)
- RT Chaparral
- Desert plants
- Range management
- Weed control
- Wildlife management

Sagging 1407

- RT Bending
- Deflection

- Deformation
- Distortion (structural)
- Electric cables
- Strain
- Stringing
- Transmission lines

Sago pondweed 0603.1

- BT -Aquatic life
- Aquatic plants
- Aquatic weeds
- Crops
- Dicots
- Floating plants
- Horticultural crops
- Monocots
- Plants (botany)
- Pondweeds
- Rooted aquatic plants
- Submerged plants
- Submersed weeds
- Weeds
- RT Aquatic weed control
- Weed control
- Wildlife management

Sagponds 0808

- BT -Bodies of water
- Lakes
- Ponds
- Standing waters
- Surface waters
- RT Faults (geology)
- Land subsidence
- Shallow subsidence
- Subsidence

Sailing

- USE Boating

Salamanders 0603.2

- BT -Amphibians
- Animals
- Aquatic animals
- Aquatic life
- Wildlife

Salaries 0503

- RT Budgeting
- Civil service
- Compensation
- Costs
- Earnings
- Employment
- Engineering costs
- Fringe benefits
- Incentives
- Labor costs
- Morale
- Occupations
- Payment
- Personnel
- Professional advancement
- Rates
- Wages

Sales 0503

- RT Commerce
- Consumers
- Consumption
- Forecasting
- Marketing
- Planning
- Power marketing
- Prices
- Scheduling

Saline deposits

- USE Salts

Saline groundwater 0808.1

- BT -Groundwater
- Subsurface waters
- Water
- RT Brackish water
- Dissolved solids
- Groundwater sources
- Mineral water
- Saline soils
- Saline water
- Saline water-freshwater interfaces
- Saline water intrusion
- Salinity
- Salts
- Salt water barriers
- Sea water intrusion

Saline lakes 0808

- UF Salt lakes

THESAURUS OF WATER RESOURCES TERMS

- BT -Bodies of water
- Lakes
- Land forms
- Standing waters
- Surface waters
- RT Estuaries
- Mineral water
- Playas
- Saline water
- Saline water fish
- Salts

Saline soils 0807

- (pH less than 8.5)
- BT -Soil types
- RT -Alkaline soils
- Chlorides
- Halophytes
- Irrigation effects
- Land reclamation
- Saline groundwater
- Salinity
- Salts
- Salt tolerance
- Soil reclamation
- Sulfates

Saline water 0808

- UF Salt water
- BT -Water
- Water types
- NT Brackish water
- Brines
- Sea spray
- Sea water
- RT Alkaline water
- Aqueous solutions
- Connate water
- Corrosion
- Desalination
- Descaling
- Encroachment
- Groundwater
- Groundwater quality
- Marine bacteria
- Membrane processes
- Mineral water
- Nuclear desalting
- Saline groundwater
- Saline lakes
- Saline water intrusion
- Saline water systems
- Salinity
- Salt marshes
- Salts
- Salt water barriers
- Sea water corrosion
- Soluble salts
- Solutions
- Water pollution sources

Saline water conversion

- USE Desalination

Saline water encroachment

- USE Encroachment

Saline water fish 0603.2 0801

- BT -Animals
- Aquatic animals
- Aquatic life
- Fish
- Wildlife
- NT Atlantic menhaden
- Brackish-water fish
- Desmersal fishes
- Eels
- Elasmobranchs
- Marine fish
- Morays
- Mullets
- Pile perch
- Sea basses
- Sharks
- Smelts
- Striped bass
- White bass
- White perch
- White seaperch
- Yellow bass
- RT Estuaries
- Estuarine fisheries
- Fish and wildlife
- Fish types
- Marine fisheries
- Saline lakes
- Sport fish

THESAURUS-OF TERMS

SAMPLING

Saline water-freshwater interfaces 1407
 UF Freshwater-saline water interfaces
 BT -Boundaries (surfaces)
 -Interfaces
 RT Encroachment
 Estuaries
 Mixing length
 Oil wells
 Saline groundwater
 -Saline water intrusion
 Two-part aquifers

Saline water intrusion 0808
 UF Intrusion
 Intrusion (salinity)
 NT Encroachment
 Sea water intrusion
 RT -Aquifers
 Brackish water
 -Canals
 Coasts
 -Groundwater
 Groundwater quality
 Groundwater recharge
 Hydrologic cycle
 Infiltration
 -Interfaces
 Leaching
 -Penetration
 -Pumping
 -Recharge
 Saline groundwater
 -Saline water
 Saline water-freshwater interfaces
 Salinity
 Salt marshes
 Salt water barriers
 Sea spray
 Sea water
 -Seepage
 -Subsurface waters
 Tidal hydraulics
 Tidal marshes
 -Tides
 Tsunamis
 -Water levels
 Water pollution sources
 Well regulations
 -Wells

Saline water systems 0701
 RT Aqueous solutions
 -Desalination
 Electrolytes
 Fused salts
 -Saline water
 -Thermodynamics
 -Water chemistry

Salinity 0704
 BT -Chemical properties
 RT Brackish water
 Brines
 -Desalination
 -Irrigation water
 Mineral water
 Nuclear desalting
 Saline groundwater
 Saline soils
 -Saline water
 -Saline water intrusion
 Salinity meters
 Salt removal
 -Salts
 Salt water barriers
 Sea water
 Sea water intrusion
 Soil chemical properties
 Water properties
 -Water quality

Salinity meters 1402
 UF Salinometers
 BT -Equipment
 -Instrumentation
 -Measuring instruments
 -Meters
 -Test equipment
 RT pH
 Salinity
 Salt water barriers

Salinity tolerance
 USE Salt tolerance

Salinometers
 USE Salinity meters

Salix species
 USE Willow trees

Salmo clarki
 USE Cutthroat trout

Salmo gairdneri
 USE Rainbow trout

Salmon 0603.2
 BT -Animals
 -Aquatic animals
 -Aquatic life
 -Fish
 -Salmonids
 -Wildlife

NT Atlantic salmon
 Chinook salmon
 Chum salmon
 Pink salmon
 Smolt
 Sockeye salmon
 RT Commercial fish
 -Marine animals
 -Marine fish
 Sport fish

Salmonella 0613
 BT -Aerobic bacteria
 -Bacteria
 -Enteric bacteria
 -Microorganisms
 -Plants (botany)
 RT Pathogenic bacteria
 Sewage bacteria

Salmonids 0603.2
 UF Salmonoids
 BT -Animals
 -Aquatic animals
 -Aquatic life
 -Fish
 -Wildlife
 NT Atlantic salmon
 Brook trout
 Brown trout
 Chinook salmon
 Chum salmon
 Cisco
 Cutthroat trout
 Lake trout
 Pink salmon
 Rainbow trout
 -Salmon
 Smolt
 Sockeye salmon
 -Trout
 RT Anadromous fish
 -Cold-water fish
 Commercial fish
 -Freshwater fish
 -Marine fish
 Sport fish

Salmonoids
 USE Salmonids

Salmo salar
 USE Atlantic salmon

Salmo trutta
 USE Brown trout

Saltation 0808
 BT -Sediment transport
 RT Bed load
 Channel erosion
 Critical tractive force
 -Movement
 Sedimentology
 Sediment production
 Sediment samplers
 Suspended sediments
 Suspended solids

Salt balance 0808.1
 RT Leaching
 -Water quality

Salt cedar
 USE Tamarisk

Salt extraction
 USE Desalination

Salt lakes
 USE Saline lakes

Salt marshes 0807
 BT -Marshes
 -Wetlands
 RT Coastal marshes
 -Saline water
 -Saline water intrusion
 Tidal marshes

Salt removal 1407
 RT -Alkaline soils
 Alkali soils
 -Desalination
 -Desalination
 Descaling
 Land reclamation
 Leaching
 Salinity
 -Salts
 Soil treatment
 Soluble salts
 Solvent extractions

Salts 0702 0703
 UF Acid salts
 Saline deposits
 BT -Chemical compounds
 -Chemicals
 NT Ammonium salts
 Calcium chloride
 Fused salts
 Sodium chloride
 Soluble salts
 RT -Acids
 -Alkalis (bases)
 Boron compounds
 -Chlorides
 -Concrete additives
 Dissolved solids
 Hardness (water)
 Mineral water
 Neutralization
 -Phosphates
 Saline groundwater
 Saline lakes
 Saline soils
 -Saline water
 Salinity
 Salt removal
 Salt tolerance
 Soil stabilization

Salt tolerance 0606
 UF Salinity tolerance
 RT Halophilic animals
 Halophytes
 -Metabolism
 -Resistance
 Saline soils
 -Salts

Salt velocity method 2004
 BT -Water measurement
 RT Brines
 -Diffusion
 Discharge measurement
 -Electric bridges
 -Electrodes
 -Field tests
 -Flow
 -Fluid mechanics
 Gibson method
 Groundwater flow
 Injectors
 -Instrumentation
 Mixing length
 Open channel flow
 Pipe flow
 Turbine efficiency

Salt water
 USE Saline water

Salt water barriers 0808.1
 UF Barriers (salt water)
 Barriers (sea water)
 Sea water barriers
 BT -Barriers
 RT Brines
 Drainage systems
 Groundwater hydrology
 Groundwater recharge
 Recharge wells
 Saline groundwater
 -Saline water
 -Saline water intrusion
 Salinity
 Salinity meters
 Sea water intrusion
 Well spacing

Salt water intrusion
 USE Sea water intrusion

Salt water invasion
 USE Sea water intrusion

Salvage 1407
 NT Water salvage
 RT Dismantling
 -Extraction
 -Obsolescence
 -Reclamation
 Recovery

Salvage value 0503
 BT -Value
 RT Depreciation
 Rehabilitation
 Replacement costs
 -Water reuse

Salvelinus fontinalis
 USE Brook trout

Salvelinus namaycush
 USE Lake trout

Samplers 1402
 NT Denison samplers
 Drive samplers
 Piston samplers
 Sediment samplers
 -Soil samplers
 RT -Augers
 -Borings
 Core drilling
 Disturbed samples
 Nansen bottles
 -Nets
 -Samples
 -Sampling
 Sediment sampling
 -Test equipment
 Test specimens
 Undisturbed samples
 Water sampling

Samples 1402
 NT Disturbed samples
 Remolded soil samples
 Undisturbed samples
 RT -Borings
 Cores
 -Materials tests
 Piston samplers
 -Samplers
 -Sampling
 -Soil samplers
 Test specimens

Sampling 1402
 NT Sediment sampling
 Water sampling
 RT Acceptability
 -Analysis
 -Analytical techniques
 -Assay
 Auger borings
 -Borings
 -Census
 Collecting methods
 Core drilling
 Cores
 Creel census
 Data collections
 Denison samplers
 Disturbed samples
 -Drilling
 Drive samplers
 Errors
 Estimating
 -Exploration
 -Field investigations
 Forecasting
 Foreign tests
 Hand augers
 -Inspection
 -Investigations
 Materials control
 Materials engineering
 -Measurement
 Particle distribution
 Piston samplers
 Preliminary investigations
 Probability
 Probability theory
 -Quality control
 Recovery
 Reliability

SAND BARS

Sampling (Con.)

Remolded soil samples
Rotary drilling
-Samplers
-Samples
Sediment samplers
Sequential analysis
Soil investigations
-Soil samplers
-Statistical analysis
Statistics
Subsurface investigations
Test procedures
-Tests
Undisturbed samples
Variability

Sand bars 0807

UF Bars (sand)
BT -Alluvial deposits
-Land forms
-Sediment deposits
-Sediments
RT -Beaches
Beach sands
Coasts
-Currents (water)
Deposition
Dunes
-Geologic deposits
Geomorphology
Littoral drift
Littoral materials
Reefs
-Sands
Sand spits
-Sedimentation
Sediment concentration
Shallow water
Shoals

Sand blasting

USE Abrasive blasting

Sand boils 0808

UF Boils (sand)
RT Artesian water
Blowouts
-Floods
-Foundations
Groundwater flow
Piping (erosion)
Quicksand
Relief wells
-Seepage

Sand drains 0808.1

BT -Drains
RT Dewatering
Drainage systems
-Filters
French drains
Horizontal drains
Relief wells
-Sands
-Settlement (structural)
-Subsurface drains
Toe drains
Vertical drains

Sand dunes

USE Dunes

Sanders

USE Grinders

Sand filters 1311

RT Dewatering
-Drainage
Drainage systems
-Drains
French drains
Inverted filters
-Sands
-Sewage treatment
Sewage treatment plants
Transition zones
Trickling filters
Underdrains
Vertical drains
Water filters
-Water treatment
Well screens

Sand pits 1303

BT -Pits
RT -Aggregates
Borrow materials
Borrow pits
Fine aggregates

Gravel pits
Quarries
Quarrying
-Sands

Sands 0807

BT -Construction materials
-Earth materials
-Granular materials
-Materials
-Pervious soils
-Soils
-Soil types
NT Beach sands
Dune sands
Quicksand
RT Abrasives
-Aeolian soils
-Aggregates
-Alluvial deposits
-Beaches
Bedding materials
Cohesionless soils
Dunes
Fine aggregates
-Fines
-Fluid filters
-Geologic deposits
Grain sizes
Gravel pits
-Gravels
Grit
Littoral materials
-Loams
Particle size
Pea gravel
Pipe bedding
Sand bars
Sand drains
Sand filters
Sand pits
Sand spits
Sandstone
-Sediment deposits
-Sediments
-Silt
Silty loams
Soil components
Soil liquefaction
Terrace deposits

Sand spits 0807

BT -Land forms
RT Coasts
-Currents (water)
Geomorphology
Sand bars
-Sands
Shallow water
Shoals

Sandstone 0807

BT -Rocks
-Sedimentary rocks
RT Claystones
Conglomerate rocks
Quartzite
-Sands
-Sediment deposits
-Sediments
-Shale
Siltstone

Sand traps 1313.1

RT -Debris barriers
-Settling basins

Sand waves 0808

BT -Sedimentary structures
RT Bed load
-Currents (water)
Dunes
Dune sands
-Movement
Ripple marks

Sandwiching 1315

RT -Composite materials
-Laminates
-Reinforced plastics

Sandy gravel

USE Gravels

Sanitary engineering 1302.1

UF Engineers (sanitary)
Sanitary engineers
BT -Civil engineering
-Engineering

RT -Disposal
Effervescence
Effluent reuse
-Effluents
Environmental sanitation
Garbage
Insect control
Landfills
-Pest control
Plumbing
Pollution abatement
-Pollution control
Radioactive wastes
Refuse disposal
Sanitation
-Sewage
Sewage disposal
Sewage effluents
-Sewage treatment
Sewage treatment plants
-Sewage works
-Sludge
Sludge disposal
Tertiary treatment
-Treatment
Waste dilution
-Waste disposal
-Wastes
Waste stabilization ponds
Waste water (pollution)
Waste water use
Water filters
-Water pollution
Water supply
Water supply systems
-Water treatment
-Waterworks

Sanitary engineers

USE Sanitary engineering

Sanitary fill

USE Landfills

Sanitation 1302.1

RT Foods
-Health
Insect control
-Pest control
Public health
Sanitary engineering
Sewage disposal
Sewers
-Waste disposal

Satellites (artificial) 2202

UF Artificial satellites
NT Meteorological satellites
RT -Astronomical bodies
Data collections
Data collection systems
-Meteorology
Remote sensing
Weather forecasting

Saturated flow 0808.1

BT -Flow
-Movement
RT Flow patterns
Groundwater movement
Hydraulic conductivity
Mudflows
Permeability
Porosity
Saturated soils
Transmissivity
Zone of saturation

Saturated soils 0808.1 0813

UF Waterlogged soils
BT -Earth materials
-Materials
-Soils
-Soil types
RT Aeration
-Drainage
-Evapotranspiration
Irrigation effects
Mud
Piston samplers
Quick clays
Quicksand
Saturated flow
Saturation
Saturation zones
Soil liquefaction
Unsaturated soils
Water injury
Waterlogged land

-Water table
Wet condition
Zone of saturation

Saturation 1407

RT Equilibrium
-Evaporation
-Flooding
-Groundwater
-Penetration
Quenching
Saturated soils
Saturation zones
Soaking
Solubility
-Solutions
Submergence
Subsurface moisture
Supersaturation
Wetting
Zone of saturation

Saturation zones 0808.1

RT -Groundwater
Phreatic lines
-Phreatic water
Saturated soils
Saturation
-Seepage
-Springs (water)
-Wells

Sauger 0603.2

UF Stizostedion canadense
BT -Animals
-Aquatic animals
-Aquatic life
-Fish
-Freshwater fish
-Perches
-Wildlife

Savannas

USE Grasslands

Sawdust 1112

BT -Dust
RT Lightweight aggregates
Saw mills
Wood wastes

Saw log test

USE Navigable waters

Saw mills 1309

BT -Industrial plants
-Mills
RT -Facilities
-Industrial wastes
Lumber
Lumbering
Pulp and paper industry
Pulp wastes
Sawdust
Water pollution sources
-Wood
Wood wastes

Saws 1309

RT -Cutting
Hand tools

Scabs 0603.1

BT -Diseases
-Plant diseases

Scaffolds 1303

RT -Construction equipment
Ladders
-Supports

Scale (corrosion) 1113

BT -Corrosion
RT Crusts
-Degradation
Descaling
Incrustation
Mill scale
Rusting
Scale prevention
Scaling

Scale (ratio) 1201

RT -Charts
-Indexes (ratios)
-Maps
-Models
Scale effect
-Size

THESAURUS OF WATER RESOURCES TERMS

THESAURUS OF TERMS

Scale (ratio) (Con.)

-Surveys

Scale deposition

USE Scaling

Scale effect 1402

RT Diseconomies of scale
Errors
-Models
-Model studies
Prototypes
Reynolds number
Scale (ratio)

Scale prevention 1113

RT Descaling
Incrustation
Precipitation (chemistry)
Preventive maintenance
Scale (corrosion)
Scaling
-Water treatment

Scaling 1113

UF Scale deposition
RT Blistering
-Corrosion
-Damages
-Degradation (decomposition)
Deposition
-Desalination
Descaling
Hardness (water)
Incrustation
Precipitation (chemistry)
Rusting
Scale (corrosion)
Scale prevention
Scaling
Water softening

Scarifiers 1303

UF Rippers
BT -Construction equipment
-Earth handling equipment
-Equipment
RT Bulldozers
Land preparation
Plowing

Scattering 1407

RT Attenuation
Deflection
-Diffusion
Dispersion
Dissipation
-Distribution
Reflection

Scaup (greater)

USE Greater scap duck

Scaup (lesser)

USE Lesser scap duck

Scavengers 0603.2

BT -Animals
RT Niches

Scenedesmus 0603.1

BT -Algae
-Aquatic algae
-Aquatic life
-Aquatic plants
-Chlorophyta
-Plants (botany)
RT -Phytoplankton

Scenery 1407

RT Aesthetics
-Conservation
Geomorphology
Landscaping
-Natural resources
-Parks
-Recreation
-Resource conservation
-Roads
Scenic easements
Waterfalls
Wild rivers

Scenic easements 0504

BT -Easements
RT Scenery
-Zoning

Scenic highways 1302.4

BT -Highways

-Roads.
RT Aesthetics
Highway beautification
-National parks
National seashores
-Parks
-Recreation
Tourism

Schedules

USE Scheduling

Scheduling 0501

UF Schedules
RT -Computers
-Control
Control systems
Coordination
Critical path method
Decision making
Erection
-Forecasting
Industrial engineering
Industrial production
Materials control
-Mathematical models
-Operations research
Optimization
PERT
-Planning
Power operation & maintenance
Production control
-Programs
Project life
Purchasing
-Quality control
-Routing
Sales
Systems engineering
Time series analysis
Timing

Schist 0807

BT -Crystalline rocks
-Metamorphic rocks
-Rocks
RT Foliation
Gneiss
Slate

Schlieren effect

USE High speed photography

Schools (education) 0509

NT Universities
RT -Buildings
-Education
Engineering education
-Facilities
Learning
-Organizations
Playgrounds
Students
-Training

Schools (fish) 0603.2

RT -Fish
Fish behavior
Fish migration
Social behavior

Sciences 1407

Use of a more specific term is recommended

NT -Biology
Biophysics
-Chemistry
-Economics
Electrochemistry
-Engineering
-Geochemistry
-Geology
Geomorphology
-Geophysics
-Mathematics
Medicine
-Petrology
-Physics
Political science
-Psychology
-Social sciences
Soil science
Zoology
RT -Administration
Agriculture
Applied research
Architecture
Arts
Basic research

-Education
Ethics
-Management
Scientific method
Scientific personnel

Scientific institutions

USE Scientific societies

Scientific method 1407

BT -Methodology
RT -Operations research
-Procedures
-Sciences

Scientific personnel 0509

BT -Personnel
-Professional personnel
-Technologists
RT Applied research
-Employment
-Engineering personnel
Labor
-Laboratories
-Management
Manpower
Professional development
-Sciences
Scientific societies
Technical societies
-Training

Scientific research

USE Research and development

Scientific societies 0501

UF Scientific institutions
BT -Organizations
-Professional societies
RT Conferences
Information centers
Professional development
Publications
Scientific personnel
Technical papers
Technical societies

Scintillation counters 1402

BT -Counters
-Detectors
-Equipment
-Instrumentation
-Measuring instruments
-Radiation detectors
-Radiation measuring equipment
-Test equipment
RT Neutron counters
-Radiation measurement

Scirpus species

USE Bulrush

Scotch pine trees 0206 0603.1

UF Pinus sylvestris
BT -Coniferous trees
-Conifers
-Gymnosperms
-Pine trees
-Plants (botany)
-Trees

Scooter (white-winged)

USE White-winged scoter

Scour 0808

BT -Erosion
RT Abrasion
Bed load
Bridge piers
Cavitation
-Channels
-Degradation
Degradation (stream)
Detritus
Flip buckets
Glaciation
Glaciers
Plunge basins
Potholes
-Running waters
-Streambeds
Stream erosion
-Streamflow

Scrapers

USE Earth handling equipment

Screens 1303

BT -Construction equipment

SEA BREEZES

-Earth handling equipment
-Equipment
RT -Concrete construction
Concrete finishing
-Concrete placing

Screening 1308

BT -Separation
RT -Beneficiation
-Filters
-Fines
Gradation
-Gradation analysis
Grain sizes
-Processing
-Screens
Sieve analysis
Sieves
-Size
Trashracks
Well screens

Screens 1303

NT Fish screens
Well screens
RT -Debris barriers
-Filters
-Fluid filters
Screening
Shields
Sieves
-Size
Trashracks

Screws 1305

BT -Fasteners
-Mechanical fasteners
RT -Anchors
-Bolts
-Couplings
-Joints (connections)
Studs

Scroll cases

USE Spiral cases

Scuba diving 0511

RT -Recreation
Swimming
Underwater construction
Underwater television
-Water sports

Sculpins 0603.2

UF Cottidae
BT -Animals
-Aquatic animals
-Aquatic life
-Fish
-Wildlife
RT -Freshwater fish
-Marine fish

Scum 0808

RT -Aquatic algae
-Aquatic fungi
-Aquatic microorganisms
Impurities
-Plankton
Slime

Sea basses 0603.2

BT -Animals
-Aquatic animals
-Aquatic life
-Fish
-Marine animals
-Marine fish
-Saline water fish
-Wildlife
NT Striped bass
White bass
White perch
Yellow bass
RT Bass
-Freshwater fish

Sea bottom

USE Ocean bottom

Sea breezes 0402

BT -Wind (meteorology)
RT Diurnal
Lake breezes
Land breezes
Marine air masses
-Meteoritic water
Precipitable water
Vegetation effects

SEA ICE

Seacoast

USE Coasts

Sea floors

USE Ocean bottom

Seago salmon

USE Atlantic salmon

Sea ice 0812

BT -Ice

RT Floating ice
Icebergs
Sea water

Sealants 1101

NT Canal sealants
Chemical sealants
Sealing compounds
Soil sealants
Water-borne sealants

RT Adhesives
-Asphalt emulsions
Binders
Bonding
Circumferential joints
-Coatings
Curing compounds
-Fillers
-Finishes
Gate seals
Grout curtains
-Grouting
Joint fillers
-Leakage
-Linings
Mastics
Moistureproofing
-Paints
-Protective coatings
Seal coat
-Seals (stoppers)
Seepage control
Seepage losses
Soil stabilization
Surface sealing
Varnishes
Waterproofing
Water seals
Water stops
Watertight

Seal coat 1101 1302.4

RT -Asphalts
Base courses
Bonding
-Coatings
Cutback asphalts
Flexible pavements
-Pavements
-Sealants
Sealing compounds
-Seals (stoppers)
Spraying
Trafficability
Waterproofing

Sea level 0805

UF Mean sea level
RT Bench marks
-Boundaries (surfaces)
Elevation
Fjords
Oceans
-Quaternary period
Tidal effects
-Tides
-Water levels

Sealing compounds 1101

UF Sealing materials
BT -Sealants
RT Adhesives
Binders
Caulking compounds
Chemical sealants
-Curing
Curing compounds
-Fillers
Joint fillers
Moistureproofing
Painting
-Protective coatings
Seal coat
-Seals (stoppers)
Water seals
Water stops
Watertight

Sealing materials

USE Sealing compounds

Seal rings 1101

BT -Ring
RT -Seals (stoppers)
Turbine parts

Seals (stoppers) 1101

NT Gaskets
Gate seals
D-ring seals
Water seals

RT -Asphalts
-Barriers
Caulking
-Closures
Constrictions
Joint fillers
Packers (grouting)
-Plugs
-Sealants
Seal coat
Sealing compounds
Seal rings
Seals
-Tapes
-Valves
Water-borne sealants

Sea nettles 0603.2

UF Nettles (sea)
BT -Animals
-Aquatic animals
-Aquatic life
-Plankton
-Seston
-Zooplankton

RT Swimming
-Toxins
Water pollution sources

Seaports

USE Ports

Search lights

USE Lighting equipment

Seas

USE Oceans

Seashores 0806

BT -Land forms
-Shores

NT National seashores

RT Halophilic animals
Halophytes
High water mark
Low water mark
Oceans
Ownership of beds

Seasonal 0402

RT Annual
Annual succession
Autumn
Average
Biorhythms
Cold resistance
Diurnal
Dry seasons
Ephemeral streams
Fluctuation
Growing period
Heat balance
Heat budget
Intermittent streams
Meromixis
Microenvironment
-Migration
Monsoons
Monthly
Nocturnal
-Non-perennial streams
Perennial streams
Period of growth
Seasonal variations
Spring
Summer
Thermal stratification
-Time
Turnovers
Varves
Vertical migration
Water year
Wet seasons
Winter

Seasonal variations 0402

BT -Periodic variations
RT Seasonal
-Seasons

Seasons 0402

NT Autumn
Spring
Summer
Winter

RT -Climatology
Ephemeral streams
Seasonal variations

Sea spray 0810

BT -Saline water
RT Coasts
-Saline water intrusion
-Wind (meteorology)

Seals 1311

RT -Hydraulic valves
-Seals (stoppers)
-Valves

Sea walls 1313.1

BT -Engineering structures
-Hydraulic structures
-Walls

RT Abutments
-Barriers
Breakwaters
-Bulkheads
-Coastal structures
Coasts
Harbors
Ice loads
Jetties
Ocean beaches
-Ocean waves
-Retaining walls
Revetments
Rubble mounds
Shore protection
Wave run-up

Sea water 0810

UF Marine water
Ocean water

BT -Saline water
-Water
-Water types

RT -Desalination
Estuaries
Gulfs
Icebergs
Nuclear desalting
Oceans
Red tide
-Saline water intrusion
Salinity
Sea ice
Sea water corrosion

Sea water barriers

USE Salt water barriers

Sea water conversion

USE Desalination

Sea water corrosion 1113

BT -Corrosion

RT Corrosion environments
Corrosion resistance
Corrosion tests
-Saline water
Sea water
Underwater corrosion

Sea water intrusion 0808

UF Intrusion (salt water)
Intrusion (sea water)
Salt water intrusion
Salt water invasion

BT -Saline water intrusion

RT Density currents
Saline groundwater
Salinity
Salt water barriers

Seaworthiness 0504

Secondary benefits
USE Indirect benefits

Secondary costs
USE Indirect costs

THESAURUS OF WATER RESOURCES TERMS

Secondary productivity 0606

BT -Ecology
-Productivity

RT Balance of nature
Bloodworms
Competition
Cycling nutrients
Food chains
Food habits
Food webs
-Predation
Primary productivity

Secondary recovery (oil) 0809

RT -Flooding
Injection
Natural gas
Oil fields
Oil reservoirs
Oil wells

Secondary treatment

USE Sewage treatment

Second order surveys 0802

BT -Surveys

RT Bench marks
-Civil engineering
-Mapping
-Measurement
Surveying instruments

Sector gates 1313.7

BT -Gates
-Hydraulic gates

RT Drum gates
Fixed wheel gates
-Flow control
Lock gates
Radial gates
Roller gates
Slide gates
Sluice gates
Spillway gates

Sedimentary basins (geological)

0807

BT -Basins

RT Geomorphology
-Lakes
-Lano forms
-Sediments
Stratigraphy

Sedimentary petrology 0807

BT -Geology
-Petrology

RT Deposition
-Petrography
-Sedimentary rocks
-Sedimentary structures
-Sedimentation
Sedimentology
Stratigraphy
Weathering

Sedimentary rocks 0807

BT -Rocks

NT Chert
Clay shales
Claystones
-Coal
Conglomerate rocks
Diatomite
Dolomite
Lignite
-Limestone
Marl
Mudstone
Oil shale
Sandstone
Sedimentary tuff
-Shale
Siltstone

RT -Alluvial deposits
Beds (geology)
-Calcareous rocks
-Carbonate rocks
Chalk
Fossils
-Geologic formations
-Geology
Gypsum
-In situ rock
Lithification
Marine geology
-Metamorphic rocks
Oil reservoirs
-Petrography

THESAURUS OF TERMS

Sedimentary rocks (Con.)

- Petrology
- Quartzite
- Reels
- Rock properties
- Sedimentary petrology
- Sedimentation
- Sedimentology
- Sediments
- Strata
- Tuff

Sedimentary structures 0807

- NT Sand waves
- RT Beds (geology)
- Dunes
- Geologic formations
- Geologic structures
- Ripple marks
- Sedimentary petrology
- Sedimentation
- Sedimentology
- Sediments
- Stratigraphy
- Structural geology

Sedimentary tuff 0807

- BT - Rocks
- Sedimentary rocks
- Tuff
- RT Detrital soils
- Erosion
- Mudflows
- Sediment deposits
- Volcanic ash
- Volcanic rocks

Sedimentation 1407

- NT Aggradation
- Diagenesis
- RT - Alluvial deposits
- Bank erosion
- Bed load
- Degradation (stream)
- Deltas
- Deposition
- Desilting
- Erosion
- Flocculation
- Flood plains
- Floodwater
- Flotation
- Geology
- Glacial deposits
- Hydraulics
- Lacustrine deposits
- Marine geology
- Movement
- Precipitation (chemistry)
- Provenance
- Reefs
- Reservoir silt
- Running waters
- Sand bars
- Sedimentary petrology
- Sedimentary rocks
- Sedimentary structures
- Sedimentation tanks
- Sediment concentration
- Sediment control
- Sediment deposits
- Sediment distribution
- Sedimentology
- Sediment production
- Sediments
- Sediment transport
- Sediment yield
- Separation
- Settling basins
- Sewage treatment plants
- Silting
- Stratification
- Stratigraphy
- Stream erosion
- Stream meandering
- Superimposed drainage
- Terrace deposits
- Varves
- Water filters
- Water treatment
- Water treatment plants

Sedimentation basins

USE Settling basins

Sedimentation rates 0808

(sediment accumulations)

- BT - Rates
- RT Deposition
- Movement

- Reservoirs
- Running waters
- Sediment control
- Sediment distribution
- Sediment load
- Sedimentology
- Sediment production
- Sediment transport
- Sediment yield
- Settling basins
- Settling velocity
- Stokes law

Sedimentation tanks 1302.1

- BT - Containers
- Tanks (containers)
- RT Desilting
- Flocculation basins
- Sedimentation
- Settling basins
- Sewage treatment
- Sewage treatment plants
- Skimming
- Storage tanks
- Water treatment

Sediment concentration 0808

- UF Concentration (sediment)
- Concentration (silt)
- RT Aggradation
- Deposition
- Reefs
- Reservoir silt
- Sand bars
- Sedimentation
- Sediment control
- Sediment deposits
- Sediments
- Sediment samplers
- Sediment transport
- Shoaling
- Silting
- Stratification

Sediment control 0808

- UF Silt control
- BT - Control
- RT Channel erosion
- Channel improvements
- Dams
- Desilting
- Desilting method
- Entrances (fluid flow)
- Forest management
- Geologic control
- Hydraulic engineering
- Movable bed models
- Multiple purpose projects
- Non-structural alternatives
- Pump intakes
- Reservoir operation
- Reservoir silt
- Sedimentation
- Sedimentation rates
- Sediment concentration
- Sediment discharge
- Sediment load
- Sediments
- Sediment samplers
- Sediment transport
- Sediment yield
- Settling basins
- Shoaling
- Silts
- Soil conservation

Sediment density probes

USE Soil density probes

Sediment deposits 0807

- BT - Sediments
- NT - Alluvial deposits
- Glacial soils
- Moraines
- Mud flats
- Sand bars
- Terrace deposits
- RT Alluvium
- Bed load
- Colluvium
- Deltas
- Flood plains
- Geologic deposits
- Glacial deposits
- Glacial soils
- Gravels
- Lake beds
- Lake soils
- Loess

- Mudstone
- Sands
- Sandstone
- Sedimentary tuff
- Sedimentation
- Sediment concentration
- Sedimentology
- Sediment transport
- Silting
- Siltstone
- Suspended sediments
- Varves

Sediment discharge 0808

- UF Discharge (sediment)
- RT Sediment control
- Sediment distribution
- Sediment load
- Sediments
- Sediment transport
- Sediment yield
- Suspended sediments

Sediment distribution 0808

- BT - Distribution
- RT - Currents (water)
- Distribution patterns
- Sedimentation
- Sedimentation rates
- Sediment discharge
- Sediment transport

Sediment load 0808

- BT - Sediments
- NT Bed load
- Suspended load
- RT - Aquatic drift
- Currents (water)
- Meanders
- Movement
- Regime theory
- Running waters
- Sedimentation rates
- Sediment control
- Sediment discharge
- Sediment samplers
- Sediment transport
- Seton
- Settling velocity
- Suspended sediments
- Tractive forces
- Tripton

Sedimentology 0807

- BT - Geology
- RT - Channels
- Deltas
- Deposition
- Diagenesis
- Erosion
- Geomorphology
- Lithification
- Marine geology
- Mineralogy
- Paleontology
- Petrology
- Saltation
- Sedimentary petrology
- Sedimentary rocks
- Sedimentary structures
- Sedimentation
- Sedimentation rates
- Sediment deposits
- Sediments
- Sediment transport
- Sediment yield
- Settling velocity
- Silting
- Streamflow regulation
- Streams
- Suspension
- Tractive forces

Sediment production 0807

- RT Bank erosion
- Degradation (stream)
- Deposition
- Erosion
- Flood plains
- Floodwater
- Geology
- Glacial deposits
- Glaciation
- Saltation
- Sedimentation
- Sedimentation rates
- Sediments
- Sediment transport
- Trap efficiency

SEDIMENT TRANSPORT

Vegetation effects

Sediments 0807

- NT - Alluvial deposits
- Alluvium
- Bed load
- Bottom sediments
- Lacustrine deposits
- Sand bars
- Sediment deposits
- Sediment load
- Suspended load
- Suspended sediments
- Suspended solids
- RT Bed movements
- Bed roughness
- Beds (geology)
- Colluvium
- Colluvium
- Critical tractive force
- Deltas
- Detrital soils
- Detritus
- Earth materials
- Flood plains
- Fouling
- Geologic deposits
- Geology
- Glacial deposits
- Gravels
- Grit
- Groundwater movement
- Interfaces
- Lake beds
- Lithification
- Littoral materials
- Loess
- Marine clays
- Mud flats
- Mud-water interfaces
- Polynology
- Particle size
- Pollen
- Provenance
- River beds
- Sands
- Sandstone
- Sedimentary basins (geological)
- Sedimentary rocks
- Sedimentary structures
- Sedimentation
- Sediment concentration
- Sediment control
- Sediment discharge
- Sedimentology
- Sediment production
- Sediment-water interfaces
- Sediment yield
- Silts
- Soils
- Stable channels
- Tripton
- Uniformity coefficient
- Varves

Sediment samplers 1402

- BT - Samplers
- RT Bed load
- Drive samplers
- Gages
- Saltation
- Sampling
- Sediment concentration
- Sediment control
- Sediment load
- Sediment sampling
- Soil samplers
- Suspended load
- Suspended sediments
- Turbidimeters

Sediment sampling 1402

- BT - Sampling
- RT Drive samplers
- Hydrologic instruments
- Logging (recording)
- Ocean bottom
- Piston samplers
- Reservoir surveys
- Samplers
- Sediment samplers
- Soil investigations
- Soil samplers
- Subsurface investigations
- Suspended load
- Undisturbed samples

Sediment transport 0808

UF Silt transport

SEDIMENT-WATER INTERFACES

Sediment transport (Con.)

- NT Saltation
- RT Bed load
 - Bedload movement
 - Bed movements
 - Critical tractive force
 - Deposition
 - Flow
 - Flumes
 - Littoral drift
 - Movable bed models
 - Movement
 - Running waters
 - Sedimentation
 - Sedimentation rates
 - Sediment concentration
 - Sediment control
 - Sediment deposits
 - Sediment discharge
 - Sediment distribution
 - Sediment load
 - Sedimentology
 - Sediment production
 - Shoaling
 - Streams
 - Suspended sediments
 - Suspended solids
 - Suspension
 - Tractive forces
 - Transfer
 - Tripton

Sediment-water interfaces 0808

- BT -Boundaries (surfaces)
- Earth-water interfaces
- Interfaces
- RT Lake soils
 - Mud
 - Mud flats
 - Mud-water interfaces
 - Sediments

Sediment yield 0808

- UF Yield (sediment)
- RT Drainage basins
 - Erosion
 - Provenance
 - Reservoir siltation
 - Sedimentation
 - Sedimentation rates
 - Sediment control
 - Sediment discharge
 - Sedimentology
 - Sediments
 - Streams
 - Trap efficiency
 - Vegetation effects
 - Watershed management
 - Watersheds (basins)

Seedbed preparation

- USE Planting management

Seeders

- USE Seeding

Seeding 0204

- UF Seeders
- RT Bank protection
 - Cover crops
 - Crop production
 - Crop response
 - Cultivation
 - Farm management
 - Forest management
 - Ground cover
 - Highway beautification
 - Pasture management
 - Plant growth
 - Planting management
 - Plants (botany)
 - Root development
 - Seeds
 - Seed treatment
 - Slope protection
 - Slopes
 - Soil management
 - Vegetation establishment

Seeding (planting)

- USE Planting management

Seeds 0603.1

- RT -Biology
 - Dispersion
 - Germination
 - Grains (crops)
 - Planting management
 - Plant morphology
 - Plants (botany)

- Reproduction (biology)
- Seeding
- Seed treatment
- Viability

Seed treatment 0204

- RT -Application methods
 - Fertilization
 - Fertilizers
 - Pest control
 - Pesticides
 - Planting management
 - Seeding
 - Seeds

Seepage 0808.1

- UF Seepage water
- NT Canal seepage
- Underseepage
- RT Banks
 - Canal embankments
 - Canal linings
 - Canals
 - Canal sealants
 - Cutoffs
 - Cutoff trenches
 - Cutoff walls
 - Dams
 - Dam stability
 - Darcys law
 - Deep percolation
 - Diversion losses
 - Drainage
 - Embankment subsidence
 - Farm lagoons
 - Flow
 - Flow nets
 - Gravitational water
 - Groundwater
 - Groundwater flow
 - Groundwater movement
 - Groundwater recharge
 - Grout curtains
 - Grouting
 - Highway icing
 - Hydraulic gradient
 - Hydraulics
 - Hydrologic budget
 - Impervious blankets
 - Impervious linings
 - Impervious membranes
 - Infiltration
 - Inflow
 - Influent streams
 - Irrigation
 - Irrigation water
 - Laminar flow
 - Leakage
 - Linings
 - Natural recharge
 - Outflows
 - Penetration
 - Percolating water
 - Percolation
 - Permeability
 - Permeability coefficients
 - Piping (erosion)
 - Ponding
 - Ponding tests
 - Porosity
 - Recharge
 - Relief wells
 - Reservoir leakage
 - Reservoirs
 - Resistance networks
 - Return flow
 - Riparian water loss
 - Saline water intrusion
 - Sand boils
 - Saturation zones
 - Seepage control
 - Seepage losses
 - Shotcrete
 - Soil mechanics
 - Soil moisture movement
 - Soil sealants
 - Springs (water)
 - Subsurface drainage
 - Surface irrigation
 - Surface sealing
 - Test canals
 - Toe drains
 - Transition zones
 - Tunnel linings
 - Vertical drains
 - Water consumption
 - Water loss
 - Water sources
 - Water storage

- Water types
- Weepholes

Seepage control 0808.1

- BT -Control
- RT Asphalt membranes
 - Blanket grouting
 - Blankets
 - Buried membranes
 - Canal linings
 - Canal sealants
 - Canal seepage
 - Chemical sealants
 - Compacted soils
 - Concrete linings
 - Curtain walls
 - Cutoffs
 - Cutoff trenches
 - Cutoff walls
 - Dam design
 - Dam foundations
 - Earth dams
 - Flexible linings
 - Foundations
 - Grout curtains
 - Grouting
 - Impervious blankets
 - Impervious linings
 - Impervious membranes
 - Inverted filters
 - Pervious blankets
 - Sealants
 - Seepage
 - Seepage losses
 - Soil compaction
 - Soil sealants
 - Toe drains
 - Transition zones
 - Water control
 - Zoned embankments

Seepage losses 0808.1

- BT -Losses
- RT Canal linings
 - Canal seepage
 - Cutoffs
 - Diversion losses
 - Flow nets
 - Grout curtains
 - Head losses
 - Leakage
 - Linings
 - Percolation
 - Ponding
 - Ponding tests
 - Reservoir leakage
 - Sealants
 - Seepage
 - Seepage control
 - Soil sealants
 - Underseepage
 - Water loss

Seepage water

- USE Seepage

Seepwillow 0603.1

- BT -Brush
 - Crops
 - Desert plants
 - Dicots
 - Horticultural crops
 - Plants (botany)
- RT Riparian plants
 - Weed control

Seiches 0803

- BT -Waves (water)
- RT -Currents (water)
 - Frequency
 - Surface waters
 - Surges
 - Water circulation
 - Water hammer
 - Wind (meteorology)
 - Wind tides

Seines

- USE Nets

Seismic design 1313

- BT -Design
- RT Building codes
 - Cyclic loads
 - Dam design
 - Damping
 - Design earthquake
 - Dynamic loads
 - Dynamic response

THESAURUS OF WATER RESOURCES TERMS

- Dynamic stability
- Earthquake engineering
- Earthquake loads
- Earthquake-resistant structures
- Earthquakes
- Earthquake theory
- Seismic properties
- Seismic stability
- Seismic studies
- Seismic tests
- Seismic waves
- Seismology
- Shock waves
- Soil dynamics
- Structural design
- Structural engineering
- Structural stability
- Tsunamis
- Vibration

Seismic explorations

- USE Seismic investigations

Seismic investigations 0811

- UF Explorations (seismic)
- Seismic explorations
- Seismic method
- BT -Investigations
- RT -Earthquakes
 - Explosives
 - Foundation investigations
 - Geologic investigations
 - Geophones
 - Geophysical logging
 - Geophysics
 - In situ tests
 - Longitudinal waves
 - Microseisms
 - Reflection
 - Refraction
 - Resistivity surveys
 - Rock noise
 - Seismic properties
 - Seismic prospecting
 - Seismic refraction
 - Seismic studies
 - Seismic tests
 - Seismic velocity
 - Seismic waves
 - Seismology
 - Shock waves
 - Soil investigations
 - Sounding
 - Subsurface investigations
 - Transverse waves

Seismic method

- USE Seismic investigations

Seismic properties 1313

- BT -Physical properties
 - Properties
- RT -Buildings
 - Dynamic response
 - Dynamic stability
 - Earthquake engineering
 - Earthquake-resistant structures
 - Earthquake theory
 - Rock properties
 - Seismic design
 - Seismic investigations
 - Seismic refraction
 - Seismic stability
 - Seismic studies
 - Seismic tests
 - Seismic velocity
 - Seismic waves
 - Seismology
 - Structures

Seismic prospecting 0807

- BT -Geophysical prospecting
- NT Seismic refraction
- RT Geophones
 - Geophysics
 - High explosives
 - Seismic investigations
 - Seismic studies
 - Seismic velocity
 - Seismic waves
 - Seismographs

Seismic refraction 0811

- BT -Refraction
 - Seismic prospecting
- RT -Exploration
 - Geophysical logging
 - Geophysical prospecting
 - Geophysics

THESAURUS OF TERMS

Seismic refraction (Con.)

Seismic investigations
Seismic properties
Seismic studies
Seismic tests
Seismic velocity
Seismic waves
Seismology
Subsurface investigations
Subsurface mapping

Seismic stability 1313

BT - Stability
RT - Building codes
- Buildings
- Cyclic loads
- Damping
- Design earthquake
- Dynamic loads
- Dynamic response
- Dynamic stability
- Earthquake damage
- Earthquake engineering
- Earthquake loads
- Earthquake-resistant structures
- Earthquakes
- Safety factors
- Seismic design
- Seismic properties
- Seismic studies
- Seismic tests
- Seismic waves
- Seismology
- Shock waves
- Soil dynamics
- Soil liquefaction
- Stability analysis
- Structural design
- Structural stability
- Structures

Seismic studies 0811

BT - Geophysics
RT - Earthquake engineering
- Exploration
- Explosions
- Explosives
- High explosives
- Seismic design
- Seismic investigations
- Seismic properties
- Seismic prospecting
- Seismic refraction
- Seismic stability
- Seismic tests
- Seismic velocity
- Seismic waves
- Seismographs
- Seismology

Seismic tests 0811

BT - Dynamic tests
- Tests
RT - Cyclic loads
- Damping
- Dynamic loads
- Dynamic response
- Dynamic stability
- Earthquake engineering
- Earthquake loads
- Earthquake theory
- Explosions
- Explosives
- Field tests
- Seismic design
- Seismic investigations
- Seismic properties
- Seismic refraction
- Seismic stability
- Seismic studies
- Seismic velocity
- Seismic waves
- Seismology
- Shear waves
- Shock tests
- Shock waves
- Soil dynamics
- Underground explosions
- Vibration tables
- Vibration tests

Seismic velocity 0811

BT - Velocity
RT - Earthquake loads
- Geophysical logging
- Intensity
- Seismic investigations
- Seismic properties
- Seismic prospecting
- Seismic refraction

Seismic studies
Seismic tests
Seismic waves
Seismographs
Seismology
Subsurface investigations

Seismic waves 0811

BT - Waves
NT - Microseisms
RT - Earth movements
- Earthquake engineering
- Earthquake loads
- Earthquakes
- Earthquake theory
- Explosions
- Geophones
- Intensity
- Longitudinal waves
- Nuclear excavation
- Nuclear explosions
- Reflection
- Refraction
- Rock noise
- Seismic design
- Seismic investigations
- Seismic properties
- Seismic prospecting
- Seismic refraction
- Seismic stability
- Seismic studies
- Seismic tests
- Seismic velocity
- Seismographs
- Seismology
- Shear waves
- Shock (mechanics)
- Shock waves
- Sound waves
- Stress waves
- Transient stress
- Transverse waves
- Tsunamis
- Underground explosions
- Vibration

Seismographs 0811

UF - Earthquake recorders
BT - Equipment
- Instrumentation
- Measuring instruments
- Sensors
RT - Accelerometers
- Detectors
- Earthquake engineering
- Earthquake focus
- Earthquakes
- Geophones
- Intensity
- Microseisms
- Seismic prospecting
- Seismic studies
- Seismic velocity
- Seismic waves
- Seismology

Seismology 0811

RT - Design earthquake
- Dynamic loads
- Dynamic response
- Earth movements
- Earthquake engineering
- Earthquake focus
- Earthquake loads
- Earthquakes
- Earthquake theory
- Elasticity (mechanical)
- Epicenters
- Geology
- Geophones
- Geophysics
- Microseisms
- Seismic design
- Seismic investigations
- Seismic properties
- Seismic refraction
- Seismic stability
- Seismic studies
- Seismic tests
- Seismic velocity
- Seismic waves
- Seismographs
- Structural geology
- Vibration

Selected fills

USE Selected materials

Selected materials 1303

UF - Selected fills
BT - Construction materials
- Materials
RT - Aggregates
- Base courses
- Bedding materials
- Borrow areas
- Borrow materials
- Borrow pits
- Coarse aggregates
- Construction control
- Dam facings
- Earth-lined canals
- Earth linings
- Earth materials
- Earthworks
- Fine aggregates
- Pit-run materials
- Quarries
- Riprap

Selective dissemination 0502

RT - Computer programs
- Current awareness
- Data processing
- Data transmission
- Documentation
- Information science
- Information systems
- Interest profiles
- Subject indexing

Selective level releases 1302.6

BT - Reservoir operation
RT - Density currents
- Evaporation control
- Fish conservation
- Fish hatcheries
- Intake structures
- Multilevel outlets
- Outlet works
- River flow
- Temperature control
- Thermal gradient
- Thermal stratification
- Water temperature

Selectivity 1407

RT - Application methods
- Attractants
- Bait
- Balance of nature
- Formulation
- Integrated control measures
- Mode of action
- Resistance

Selenium 0702

BT - Chemical elements
- Nonmetals
RT - Selenium alloys
- Selenium compounds

Selenium alloys 1106

BT - Alloys
- Metals
RT - Selenium

Selenium compounds 0702 0703

BT - Chemical compounds
RT - Selenium

Self-improvement 0509

RT - Careers
- Education
- Motivation
- Personnel
- Training

Self-purification 1302.2

BT - Water purification
- Water treatment
RT - Aeration
- Aerobic bacteria
- Biochemical oxygen demand
- Photosynthesis
- Respiration
- Streams
- Waste assimilative capacity
- Water pollution
- Water treatment plants

Self-spillway dams 1313.1

BT - Dams
- Hydraulic structures
RT - Embankments
- Pervious blankets
- Pervious linings

Rock blankets
- Spillways

Semantics 0507

RT - Communication
- Dictionaries
- Grammars
- Ideas
- Languages
- Vocabularies

Semiarid areas

USE Semiarid land

Semiarid climates 0402

BT - Climate
RT - Arid climates
- Arid lands
- Arroyos
- Brown soils
- Chernozems
- Chestnut soils
- Deserts
- Grasslands
- Pedocals
- Playa lakes
- Subarctic
- Subhumid areas
- Subhumid climates
- Subtropic
- Temperate

Semiarid land 0806

UF - Semiarid areas
BT - Land
RT - Arid lands
- Land development
- Land reclamation
- Subhumid areas

Semicircular sections 1409

RT - Flumes
- Hydraulic properties
- Hydraulic radius
- Tunnels

Semiconductors 2012

UF - Photoconductors
NT - Thyristors
- Transistors
RT - Detectors
- Diodes
- Electric conductors
- Electronics
- Oscillators
- Receivers
- Rectifiers
- Resistors
- Solid state physics
- Thermistors

Semipermeable membranes 1107

BT - Membranes
RT - Demineralization
- Desalination
- Desalination apparatus
- Ions
- Membrane processes
- Osmosis
- Reverse osmosis

Sensing devices

USE Sensors

Sensing elements

USE Sensors

Sensitive clays

USE Clays

Sensitivity 1407

BT - Physical properties
RT - Accuracy
- Amplification
- Dynamic response
- Instrumentation
- Quick clays
- Ranges
- Remolded soil samples
- Shear strength
- Soil properties
- Visibility

Sensors 1402

UF - Sensing devices
- Sensing elements
BT - Detectors
- Equipment
NT - Geiger counters

SEPARABLE COST ALLOCATION

THESAURUS OF WATER RESOURCES TERMS

Sensors (Con.)

Infrared detectors
Moisture sensors
Photometers
Pressure sensors
Radiation detectors
Seismographs
Temperature sensors
Thermocouples
Thermometers
RT Control systems
Counters
Detection
Fire alarm systems
Gages
Indicators
Instrumentation
Laboratory equipment
Logging (recording)
Measuring instruments
Meters
Optical instruments
Piezoelectric transducers
Piezometers
Pilot tubes
Pressure cells
Probes (instruments)
Radiation measurement
Radiation measuring equipment
Receivers
Recording systems
Remote sensing
Sounding
Strain measurement
Telemetry systems
Test equipment
Transducers
Warning systems

Separable cost allocation 1401

BT—Cost allocation

Separable costs 1401

BT—Costs

RT Construction costs
Cost sharing
Electric power costs
Joint costs

Separation 1407

NT Centrifugation
Deaeration
Desorption
Extraction
Flotation
Freeze drying
Heavy media separation
Ion exchange
Osmosis
Precipitation (chemistry)
Screening
Skimming
Solvent extractions
RT—Beneficiation
Cleaning
Coagulation
Coalescence
Concentration
Condensation
Decontamination
Demineralization
Desalination
Desilting
Desilting method
Dialysis
Diffusion
Dispersion
Distillation
Evaporation
Exudation
Flocculation
Foaming
Isolation
Melting
Mixing
Percolation
Purification
Sedimentation
Separation techniques
Sorption
Spacing
Vaporization

Separation (flow)

USE Flow separation

Separation techniques 1308 1402

NT—Beneficiation
Centrifugation
Chromatography

Concentration
Demineralization
Desalination
Desilting
Diagenesis
Dialysis
Distillation
Electrodialysis
Electroosmosis
Electrophoresis
Filtration
Flash distillation
Foam fractionation
Foam separation
Heavy media separation
Leaching
Long-tube vertical distillation
Membrane processes
Multistage flash distillation
Nuclear desalting
Panning
Reverse osmosis
Silling
Solar distillation
Solvent extractions
Transport depletion
Vapor compression distillation

RT—Absorption

RT—Analytical techniques
Centrifuges
Chemical reactions
Coagulation
Condensation
Crystallization
Deposition
Desalination processes
Diffusion
Drying
Evaporation
Extraction
Hydrate processes
Isolation
Precipitation (chemistry)
Separation
Sewage treatment
Sublimation
Treatment
Waste treatment
Water treatment

Septic tanks 1302.1

BT—Settling basins

Tanks (containers)

RT Cesspools
Disposal
Domestic wastes
Farm wastes
Sewage bacteria
Sewage disposal
Sewage treatment
Sewage treatment plants
Sewage works
Sludge treatment
Soil disposal fields
Waste disposal
Waste treatment

Sequence 1407

RT—Cycles
Frequency
Organizing
Procedures
Time
Time series analysis
Timing

Sequential analysis 1201

BT—Analysis
Statistical analysis
RT Markov processes
Mathematical analysis
Mathematical models
Monte Carlo method
Quality control
Sampling

Series

USE Lespedeza

Series (mathematics) 1201

BT—Analysis
Calculus
Mathematics
RT Fourier analysis
Mathematical analysis

Serpentine 0807

BT—Minerals
RT Asbestos

Service life 0503 1309

RT Amortization
Life expectancy
Maintenance
Obsolescence

Servomechanisms 1402

BT—Control equipment
RT Actuators
Automatic control
Automation
Control systems
Governors
Instrumentation
Motors
Radar equipment
Remote control

Sessile algae 0603.1

UF Algae (attached)

Attached algae

BT—Algae

RT—Plants (botany)
Aquatic algae
Lichens
Periphyton

Seston 0613

NT—Aquatic bacteria
Aquatic fungi
Aquatic microorganisms
Beggiatoa
Dinoflagellates
Euglena
Euglenophyta
Ferrobacillus
Marine bacteria
Marine fungi
Marine microorganisms
Nannoplankton
Nekton
Ochromonas
Rhodophyta
Rotifers
Sea nettles
Sphaerotilus
Thermophilic bacteria
Tripton
RT—Aquatic drift
Aquatic life
Biota
Drifting (aquatic)
Organic matter
Organic wastes
Primary productivity
Sediment load
Suspension
Zooplankton

Set-retarding agents 1303.1

BT—Additives
Admixtures
Concrete additives
Retarding agents
RT—Cements
Concrete mixes
Concrete placing
Concrete technology
Curing
Portland cements
Setting (materials)

Setting (materials) 0704

RT—Additives
Cements
Concrete properties
Curing
False set
Hardening
Initial set
Mortars
Portland cements
Pozzolans
Retarding agents
Set-retarding agents
Solidification
Steam curing
Thixotropy

Settlement (structural) 0813 1313.6

NT Differential settlement
RT Compressible soils
Compression
Consolidation
Dam foundations
Deep subsidence
Deformation
Differential displacements

Embankment subsidence

Footings
Foundation modulus
Foundations
Land subsidence
Loading rate
Loose soils
Mechanical properties
Ponding tests
Preloading
Rigid foundations
Sand drains
Shallow subsidence
Soil consolidation tests
Soil mechanics
Strain
Structural behavior
Structural design
Structural engineering
Structures
Subsidence
Surcharge
Unconsolidated soils
Underconsolidation

Settling basins 1313.1

UF Sedimentation basins

Settling tanks

BT—Basins

Hydraulic structures

NT Septic tanks

RT—Dams

Debris barriers
Deposition
Desilting
Desilting works
Disposal
Farm lagoons
Farm wastes
Flocculation basins
Dredging lagoons
Sand traps
Sedimentation
Sedimentation rates
Sedimentation tanks
Sediment control
Settling velocity
Sewage sludge
Sewage treatment
Sludge
Sludge disposal
Treatment
Waste disposal
Wastes
Waste treatment
Water purification

Settling tanks

USE Settling basins

Settling velocity 0808

UF Fall velocity

BT—Velocity

RT Deposition

Gradation
Hydrometers
Movement
Particle shape
Particle size
Sedimentation rates
Sediment load
Sedimentology
Settling basins
Stokes law
Suspension
Viscosity

Severance 0504

RT Riparian land
Riparian rights

Sewage 1302.1

BT—Wastes

NT Sewage sludge

RT Activated carbon
Activated sludge
Chemical wastes
Domestic wastes
Effluent reuse
Fermentation
Industrial wastes
Industrial waste treatment
Inflow
Municipal wastes
Organic wastes
Pumping plants
Sanitary engineering
Sewage bacteria
Sewage disposal

THESAURUS OF TERMS

Sewage (Con:)

Sewage districts
Sewage effluents
Sewage lagoons
-Sewage treatment
-Sewage works
Sewerage
Sewers
-Sludge
Urine
Waste water
Waste water (pollution)
-Water pollution
Water pollution sources
-Water treatment

Sewage bacteria 0613 1302.1

BT -Bacteria
-Microorganisms
-Plants (botany)
RT Activated sludge
-Aerobic bacteria
-Anaerobic bacteria
-Aquatic bacteria
-Aquatic microorganisms
-Coliforms
E. coli
Methane bacteria
Pathogenic bacteria
Salmonella
Septic tanks
-Sewage
-Sewage treatment
Shigella
Sphaerotilus
Streptococcus
-Sulfate reducing bacteria
Water pollution sources

Sewage collection

USE Sewerage

Sewage disposal 1302.1

UF Sewage sludge disposal
BT -Disposal
-Waste disposal
RT Cesspools
-Contamination
Environmental sanitation
-Industrial wastes
-Industrial waste treatment
Radioactive wastes
Refuse disposal
Sanitary engineering
Sanitation
Septic tanks
-Sewage
Sewage effluents
Sewage lagoons
Sewage sludge
-Sewage treatment
Sewage treatment plants
-Sewage works
Sewerage
Sewers
-Sludge
Sludge disposal
Stream pollution
Waste dilution
-Wastes
-Waste water disposal
-Water pollution

Sewage districts 0504

RT -Governments
-Sewage
-Utilities

Sewage effluents 1302.1

BT -Effluents
RT Sanitary engineering
-Sewage
Sewage disposal
-Sewage treatment
-Wastes
Waste water (pollution)
-Waste water disposal
Water pollution sources

Sewage filters

USE Sewage treatment

Sewage filtration plants

USE Sewage treatment plants

Sewage lagoons 1302.1

UF Sewage ponds
BT -Lagoons (ponds)
RT Chlorella
-Disposal

Farm lagoons
Oxidation lagoons
-Sewage
Sewage disposal
Sewage sludge
-Sewage treatment
Sludge disposal
Sludge treatment
-Waste disposal
Waste stabilization ponds

Sewage ponds

USE Sewage lagoons

Sewage sludge 1302.1

BT -Sewage
-Sludge
-Wastes
RT -Biodegradation
Fermentation
Fertilizers
-Industrial wastes
-Settling basins
Sewage disposal
Sewage lagoons

Sewage sludge disposal

USE Sewage disposal

Sewage sludge treatment

USE Sewage treatment

Sewage stabilization 1302.1

BT -Sewage treatment
-Treatment
RT Activated carbon
Activated sludge
Aeration
-Chemical degradation
Denitrification
Nitrification

Sewage systems

USE Sewerage

Sewage tanks

USE Sewage treatment

Sewage treatment 1302.1

UF Filters (sewage)
Imhoff tanks
Primary treatment
Secondary treatment
Sewage filters
Sewage sludge treatment
Sewage tanks
BT -Treatment
-Waste treatment
NT Sewage stabilization
Tertiary treatment
RT Activated carbon
Activated sludge
Aeration
Anaerobic processes
-Biodegradation
Biological treatment
-Chemical degradation
Chlorination
Coagulation
Cultures
Effluent reuse
Environmental sanitation
Filtration
Flocculation
Foam fractionation
Incinerators
-Industrial wastes
-Lagoons (ponds)
Oxidation lagoons
Reverse osmosis
Sand filters
Sanitary engineering
Sedimentation tanks
-Separation techniques
Septic tanks
-Settling basins
-Sewage
Sewage bacteria
Sewage disposal
Sewage effluents
Sewage lagoons
Sewage treatment plants
-Sewage works
Sewerage
Sewers
Sludge treatment
Solids contact process
Trickling filters
-Wastes

Waste stabilization ponds
Waste water treatment
Waste water use
-Water pollution
Water pollution treatment
-Water reuse
Water salvage

Sewage treatment plants 1302.1

UF Filtration plants (sewage)
Sewage filtration plants
BT -Sewage works
-Utilities
RT Aeration
Cesspools
-Dilution
-Effluents
Filtration
-Flotation
Incinerators
-Industrial waste treatment
Radioactive wastes
Refuse disposal
Sand filters
Sanitary engineering
-Sedimentation
Sedimentation tanks
Septic tanks
Sewage disposal
-Sewage treatment
Skimming
-Sludge
Sludge digestion
Sludge disposal
Sludge treatment
Spreading basins
Treatment facilities
Trickling filters
-Waste treatment
Waste water
-Waste water disposal
Waste water treatment
-Water pollution

Sewage works 1302.1

NT Sewage treatment plants
RT Aeration
Cesspools
-Effluents
Filtration
Incinerators
-Lagoons (ponds)
Public works
Radioactive wastes
Refuse disposal
Sanitary engineering
Septic tanks
-Sewage
Sewage disposal
-Sewage treatment
Sewers
Skimming
-Sludge
Spreading basins
Trickling filters

Sewerage 1302.1

UF Collection (sewage)
Sewage collection
Sewage systems
RT -Pipelines
-Pumping plants
-Sewage
Sewage disposal
-Sewage treatment
Sewers

Sewers 1302.1

BT -Conduits
RT Backwater
-Channels
Cities
Clay pipes
-Closed conduits
-Conveyance structures
-Disposal
Drainage systems
-Drains
Manholes
-Noncircular conduits
-Open channels
-Outlets
Overflow
-Pipelines
-Pipes
Plumbing
Public works
Sanitation
-Sewage

SHAFT SPILLWAYS

Sewage disposal
-Sewage treatment
-Sewage works
Sewerage
Siphons
Storm drains
-Subsurface drainage
-Tunnels
Urban areas
Urbanization
-Utilities
-Wastes

Sextants 1707

BT -Equipment
-Instrumentation
-Measuring instruments
-Optical instruments
RT Elevation
Position finding
Surveying instruments
Theodolites

Sexual maturity 0603

BT -Growth stages
RT -Biology
Flowering
Gonads
Immature growth stage
Life history studies
Man
Mature growth stage
-Reproduction (biology)

Shafts (excavations) 0809

RT Adits
-Excavation
-Exploration
Explosive construction
Shoring
-Tunnel construction
-Tunnels
-Water tunnels (conveyance)
-Wells

Shafts (machinery) 1309

UF Machinery shafts
NT Flexible shafts
Turbine shafts
RT -Bearings
Bushings
-Couplings
Critical speed
Flexible couplings
Housings
Journal bearings
Keyways
Power transmission (mechanical)
-Supports
Transmissions (mechanical)
Universal joints

Shafts (mining) 0809

UF Mining shafts
RT Adits
Coal mines
-Excavation
-Exploration
Mine drainage
-Mines
-Mine wastes
-Mine water
-Mining
Mining engineering
-Rock bolts
Rock mechanics
-Rocks
-Safety
Shoring
Stopes
Timbers
-Tunnel construction
Tunnel design
-Tunnels
Underground openings
Ventilation

Shaft spillways 1313.1

BT -Hydraulic structures
-Spillways
RT -Bends (hydraulic)
Bypasses
Cavitation
Closed conduit spillways
-Dams
-Debris barriers
-Energy dissipation
Flashboards
Floodways

SHALE

THESAURUS OF WATER RESOURCES TERMS

Shall spillways (Con.)

- Ogee crests
- Outlet works
- Overflow
- Spillway crests
- Stilling basins
- Tunnels

Shale 0807

- BT -Rocks
- Sedimentary rocks
- NT Clay shales
- Oil shale
- RT Claystones
- Mudstone
- Sandstone
- Siltstone
- Slate

Shallow subsidence 0813

- BT -Subsidence
- RT -Compaction
- Consolidation
- Deep subsidence
- Deformation
- Differential settlement
- Groundwater depletion
- Land subsidence
- Loess
- Ponding
- Ponding tests
- Sagponds
- Settlement (structural)
- Sinkholes
- Sinks
- Withdrawal

Shallow water 0808

- RT -Bodies of water
- Deep water
- Depth
- Habitats
- Lagoons (landforms)
- Littoral zone
- Marshes
- Playa lakes
- Reefs
- Refraction (water waves)
- Sand bars
- Sand spits
- Shoaling
- Shoals
- Surface waters
- Swamps
- Tidal marshes
- Water types
- Wetlands

Shallow wells 0808.1

- BT -Wells
- RT -Drawdown
- Groundwater
- Sumps
- Water wells

Shape 1407

- UF -Form
- NT Grain shapes
- Particle shape
- RT Asymmetry
- Channel morphology
- Configuration
- Contours
- Dimensions
- Disks (shapes)
- Geometry
- Graded
- Lake morphology
- Plant morphology
- Prisms
- Profiles
- Size
- Surfaces
- Symmetry
- Topography
- Volume
- Waveforms

Shaping 1308

- RT -Cutting
- Grinding
- Grooves
- Machining
- Materials forming

Sharks 0603.2

- BT -Animals
- Aquatic animals
- Aquatic life
- Elasmobranchs

- Fish
- Marine animals
- Marine fish
- Saline water fish
- Wildlife
- RT Fish repellents
- Rough fish

Sharp crested weirs 1402

- BT -Weirs
- RT Broad-crested weirs
- Cipolletti weirs
- Discharge measurement
- Flow measurement
- Rectangular weirs
- Submerged weirs
- V-notch weirs
- Weir crests
- Weir ponds

Shear 2012

- NT -Axial shear
- Biaxial shear
- Boundary shear
- Direct shear
- Triaxial shear
- RT Bearing strength
- Boundaries (surfaces)
- Compression
- Failure (mechanics)
- Fatigue (materials)
- Flow
- Mechanical properties
- Non-newtonian flow
- Shear cracks
- Shear distribution
- Shear drag
- Shear failure
- Shear forces
- Shear modulus
- Shear planes
- Shear resistance
- Shear strain
- Shear strength
- Shear stress
- Shear tests
- Strength
- Strength of materials
- Stress
- Tension

Shear cracks 2012

- BT -Cracks
- RT Ductility
- Failure (mechanics)
- Failure surfaces
- Fatigue (materials)
- Shear
- Shear failure
- Shear forces
- Shear planes
- Shear resistance
- Shear strength
- Shear stress
- Shear tests
- Tensile stress

Shear distribution 2012

- BT -Distribution
- RT -Axial shear
- Biaxial shear
- Load distribution
- Loads (forces)
- Shear
- Shear forces
- Shear planes
- Shear resistance
- Shear strain
- Shear stress
- Shear tests
- Stress distribution
- Triaxial shear

Shear drag 2012

- BT -Resistance
- RT Air-earth interfaces
- Boundaries (surfaces)
- Boundary processes
- Earth-water interfaces
- Flow resistance
- Interfaces
- Shear
- Surfaces

Shear failure 2012

- BT -Failure (mechanics)
- RT -Axial shear
- Mohr envelope
- Mohr failure theory

- Shear
- Shear cracks
- Shear forces
- Shear planes
- Shear resistance
- Shear strain
- Shear strength
- Shear stress
- Shear tests
- Soil stability
- Stability
- Strength of materials

Shear forces 2011

- UF Forces (shear)
- RT -Axial shear
- Biaxial shear
- Direct shear
- Loads (forces)
- Shear
- Shear cracks
- Shear distribution
- Shear failure
- Shear planes
- Shear resistance
- Shear strain
- Shear stress
- Shear tests
- Torsion shear tests
- Triaxial shear

Shear modulus 2012

- BT -Mechanical properties
- RT Elasticity (mechanical)
- Elastic theory
- Modulus of elasticity
- Poisson ratio
- Shear
- Shear strain
- Shear stress
- Shear tests

Shear planes 2012

- RT -Compression
- Failure (mechanics)
- Failure surfaces
- Internal friction
- Mohr circle
- Normal stress
- Plastic deformation
- Shear
- Shear cracks
- Shear distribution
- Shear failure
- Shear forces
- Shear resistance
- Shear strain
- Shear stress
- Shear tests
- Tension

Shear resistance 2012

- BT -Mechanical properties
- Resistance
- RT -Shear
- Shear cracks
- Shear distribution
- Shear failure
- Shear forces
- Shear planes
- Shear strain
- Shear strength
- Shear stress
- Shear tests
- Strength of materials

Shear strain 2012

- BT -Strain
- RT -Deformation
- Direct shear
- Extensometers
- Loads (forces)
- Normal strain
- Shear
- Shear distribution
- Shear failure
- Shear forces
- Shear modulus
- Shear planes
- Shear resistance
- Shear strength
- Shear stress
- Shear tests
- Strain gages
- Stress
- Tangential strain

Shear strength 2012

- BT -Mechanical properties

- Strength
- RT -Axial shear
- Bearing strength
- Biaxial shear
- Cohesion
- Cohesive strength
- Compressive strength
- Concrete properties
- Dam stability
- Direct shear
- Effective stress
- Friction
- Friction coefficient (mechanical)
- Internal friction
- Negative pore pressure
- Neutral stress
- Physical properties
- Pore air pressure
- Pore pressure
- Pore water pressure
- Rock properties
- Sensitivity
- Shear
- Shear cracks
- Shear failure
- Shear resistance
- Shear strain
- Shear stress
- Shear tests
- Sliding resistance
- Soil physical properties
- Soil properties
- Soil strength
- Stability
- Strength of materials
- Stress
- Tensile strength
- Torsion shear tests
- Triaxial shear
- Vane shear tests
- Yield strength

Shear stress 2011

- BT -Stress
- RT Compressive stress
- Direct shear
- Mohr circle
- Normal stress
- Shear
- Shear cracks
- Shear distribution
- Shear failure
- Shear forces
- Shear modulus
- Shear planes
- Shear resistance
- Shear strain
- Shear strength
- Shear tests
- Stress circle
- Tensile stress

Shear tests 1402

- BT -Materials tests
- Tests
- NT Drained shear tests
- Torsion shear tests
- Undrained shear tests
- Vane shear tests
- RT Adhesion
- Axial shear
- Biaxial shear
- Direct shear
- Effective stress
- Experimental data
- Fatigue (materials)
- Field tests
- Friction tests
- High temperature research
- Impact tests
- Internal friction
- Laboratory tests
- Loading tests
- Metal tests
- Rock tests
- Shear
- Shear cracks
- Shear distribution
- Shear failure
- Shear forces
- Shear modulus
- Shear planes
- Shear resistance
- Shear strain
- Shear strength
- Shear stress
- Soil compression tests
- Soil tests
- Static tests

THESAURUS OF TERMS

SHORE BIRDS

Shear tests (Con.)

Strain rate
Strength of materials
Stress-strain curves
Tension tests
Test procedures
Test specimens
Torque
Triaxial compression
Triaxial shear
Triaxial tests
Unconfined compression

Shear waves 2014

BT - Waves
RT - Blasts
Dynamic loads
-Dynamic tests
Earthquake loads
-Elastic waves
-Explosions
Impact
-Mechanical waves
Seismic tests
-Seismic waves
Shock (mechanics)
Shock tests
Shock waves
Soil dynamics
Stress waves
Transverse waves
-Vibration

Sheathing 1308

RT - Buildings
Cladding
-Construction
Encasement
Roofs
-Surfacing
-Walls
-Wooden structures

Sheep 0205 0603.2

BT - Animals
-Domestic animals
-Livestock
-Mammals
-Ruminants

Sheepsfoot rollers 1303

BT - Compaction equipment
-Construction equipment
-Equipment
-Rollers
RT - Compacted soils
-Compaction
Pneumatic tired rollers
Tamping rollers
Vibratory compaction

Sheet erosion 0807

BT - Erosion
RT - Colluvium
Overland flow
Raindrops
Sheet floods
Soil erosion
Surface runoff
Vegetation effects
Wind erosion

Sheet floods 0808

BT - Floods
RT - Flash floods
Interfluvies
Sheet erosion
Sheet flow
Soil erosion

Sheet flow 0808

BT - Flow
-Movement
RT - Flow patterns
Overland flow
Sheet floods
Transients
-Unsteady flow

Sheeting 1303

RT - Anchored bulkheads
-Bulkheads
Cofferdams
Horizontal loads
Lumber
-Retaining walls
Roof failures
Timbers
-Walls

Sheet piling 1303

BT - Piles (foundations)
RT - Anchored bulkheads
-Bulkheads
Caissons
Cofferdams
-Concrete piles
Culverts
Cut-off walls
-Pile driving
-Retaining walls
Pilements
Steel piles
Wooden piles

Sheets 1107

RT - Coatings
-Laminates
-Membranes
Paper

Shellfish 0603.2

BT - Animals
-Aquatic animals
-Aquatic life
NT - Brine shrimp
Clams
-Commercial shellfish
Crabs
Lobsters
Mussels
Opusculum shrimp
Oysters
Pink shrimp
-Shrimp
Snails

RT - Aquaculture

Commercial fish
Commercial fishing
-Crustaceans
-Mollusks

Shell structures 1313.5

BT - Structures
NT - Cylindrical shells
Domes (structural)
Thin shell structures
RT - Arch dams
-Buildings
-Concrete structures
Cylinders
Double-curvature arch dams
-Plates
Spheres
Stiffeners
-Structural design
Thin arch dams

Shelterbelts 0206

RT - Animal control
-Conservation
Deflection
-Erosion control
-Resource conservation
Snow management
Snowpacks
Terrestrial habitats
-Trees
-Wildlife conservation
-Wildlife management
Windbreaks
Wind erosion

Shelters 1313.5

RT - Buildings
Civil defense
-Environmental engineering
Fallout
Greenhouses
Nuclear explosions
-Safety
Shields
-Underground structures

Shielding 1312

UF - Nuclear shielding
NT - Electromagnetic shielding
Radiation shielding
RT - Absorbers
Attenuators
Ballies
-Deflectors
Fallout
Housings
Liner plates
-Linings
Louvers
Nuclear safety
Overhead ground wire

Panels
-Radiation
Radiation effects
Radioactive contamination
Shields
Suppression (electrical)

Shields 1303

RT - Deflectors
-Excavators
Flow deflectors
Protective coverings
-Screens
Shelters
-Shielding
Tunneling
Tunneling machines

Shigella 0613

BT - Aerobic bacteria
-Bacteria
-Microorganisms
-Plants (botany)
RT - Pathogenic bacteria
Sewage bacteria

Shiners 0603.2

UF - Notropis species
BT - Animals
-Aquatic animals
-Aquatic life
-Fish
-Freshwater fish
-Wildlife

Shipping

USE Transportation

Ships 1310

NT - Submarines
RT - Admiralty
-Boats
Cruises
-Exploration
Hydrofoils
Jetsam
Lighthouses
Naval architecture
Navigation
Propellers
-Transportation
Water pollution sources

Shoaling 0803

RT - Coasts
Deposition
Geomorphology
Navigation
Sediment concentration
Sediment control
-Sediment transport
Shallow water
Shoals

Shoals 0810

RT - Coasts
Geomorphology
Navigation
Reefs
Sand bars
Sand spits
Shallow water
Shoaling

Shock (mechanics) 2011

RT - Blasts
Dynamic loads
Dynamic response
-Dynamic tests
Earthquake loads
-Earthquakes
-Explosions
Impact
Impact loads
-Liquefaction
-Loads (forces)
Nuclear excavation
-Seismic waves
Shear waves
Shock resistance
Shock tests
Shock tubes
Shock waves
Soil dynamics
Soil liquefaction
Transient stress
-Vibration

Shock (physiology) 0616

UF - Shock treatment
RT - Accidents
Acoustic insulation
Burning
-Electrical insulators
Electrical shocking gear
-Electric current
Fences
Fish barriers
Fish guiding
Fish handling facilities
Fish ladders
Fishways
Impact
-Noise (sound)
-Safety
Shock waves

Shock resistance 2012

RT - Dynamic response
Impact
Shock (mechanics)
Shock tests
-Vibration
Vibration damping

Shock tests 1402

BT - Tests
RT - Blasts
Dynamic response
-Dynamic tests
-Explosions
Impact loads
Impact tests
Laboratory tests
Seismic tests
Shear waves
Shock (mechanics)
Shock resistance
Shock tubes
Shock waves
Soil dynamics
Transient stress
Vibration tests

Shock treatment

USE Shock (physiology)

Shock tubes 1402

BT - Test facilities
-Tubes
RT - Shock (mechanics)
Shock tests
Shock waves

Shock waves 2011

BT - Waves
RT - Blasts
Cushioning
Earthquake loads
-Earthquakes
-Elastic waves
-Explosions
Impact
Longitudinal waves
Mach number
Nuclear explosions
Seismic design
Seismic investigations
Seismic stability
Seismic tests
-Seismic waves
Shear waves
Shock (mechanics)
Shock (physiology)
Shock tests
Shock tubes
Soil dynamics
-Sound waves
Stress waves
Supersonic flow
Transient stress
Underground explosions
Underwater explosions
-Vibration
Vibration damping

Shoran

USE Position finding

Shore birds 0603.2

BT - Animals
-Birds
-Wildlife
RT - Animal groupings
-Aquatic animals
-Aquatic life
Bird types

SHORE-LINE COVER

Shore birds (Con.)

- Migratory birds
- Non-game birds
- Non-migratory birds
- Water birds
- Waterfowl

Shore erosion

USE Beach erosion

Shore-line cover 0606

- BT -Vegetal cover
- RT Food and cover crops
- Habitats
- Marsh management
- Nesting cover
- Shores
- Sites
- Vegetation

Shorelines

USE Shores

Shore protection 1302

- RT Anchored bulkheads
- Bank protection
- Banks
- Beach erosion
- Breakwaters
- Bulkheads
- Coastal engineering
- Coastal structures
- Dikes
- Dunes
- Gabions
- Groins (structures)
- Harbors
- Ice loads
- Jetties
- Levees
- Ocean beaches
- Ocean waves
- Piers
- Retaining walls
- Revelments
- Riprap
- Rubble
- Sea walls
- Shores
- Slope protection
- Wave action
- Wave run-up
- Waves (water)

Shores 0806

- UF Shorelines
- BT -Land forms
- NT Lake shores
- National seashores
- Seashores
- RT -Aquatic environment
- Beaches
- Boundaries (property)
- Coastal engineering
- Coastal structures
- Coasts
- Deltas
- Drowned (submerged)
- Intertidal areas
- Lagoons (landforms)
- Littoral drift
- Littoral zone
- Mud flats
- Mud-water interfaces
- Oceans
- Offshore platforms
- Quaternary period
- Reaches (distance)
- Ripple marks
- Shore-line cover
- Shore protection
- Surf
- Tides

Shoring 1313

- RT -Bracing
- Cribbing
- Crib walls
- Excavation
- Formwork (construction)
- Foundations
- Frames
- Jacking
- Jacks (mechanical)
- Lagging
- Ribs
- Shafts (excavations)
- Shafts (mining)
- Struts
- Supports

- Timbers
- Trenches

Short circuits 0903

- BT -Electrical faults
- Electric power failure
- RT -Circuits
- Electric arcs
- Protective relaying
- Switching

Short-term planning 0501

- BT -Planning
- RT Long-term planning

Shotcrete 1303.1

- UF Gunite
- BT -Concretes
- Construction materials
- RT Canal linings
- Coatings
- Concrete construction
- Concrete linings
- Concrete placing
- Linings
- Mortars
- Protective coverings
- Pumped concrete
- Seepage
- Surface sealing
- Tunnel construction
- Tunnel linings
- Tunnels
- Tunnel supports

Shoveler duck 0603.2

- UF Spatula clypeata
- BT -Animals
- Aquatic life
- Birds
- Ducks (wild)
- Migratory birds
- Waterfowl
- Wildlife

Shovels 1303

- BT -Earth handling equipment
- Excavators
- RT Clamshells
- Construction equipment
- Draglines
- Dredges
- Excavation
- Hand tools
- Materials handling equipment

Shrimp 0603.2

- BT -Animals
- Aquatic animals
- Aquatic life
- Commercial shellfish
- Crustaceans
- Invertebrates
- Shellfish
- NT Brine shrimp
- Opossum shrimp
- Pink shrimp

Shrinkage 1407

- NT Soil shrinkage
- RT Contraction
- Cracking
- Depreciation
- Expansion
- Expansive clays
- Expansive soils
- Growth
- Internal forces
- Reduction
- Strain
- Swelling
- Volume change

Shrubs 0603.1

- UF Bushes
- BT -Crops
- Dicots
- Horticultural crops
- Plants (botany)
- NT Blueberries
- Cranberries
- Ullac
- RT Browse utilization
- Brush
- Conifers
- Fruit crops
- Highway beautification
- Landscaping
- Ornamentals

- Plant groupings
- Wildlife management

Shunt reactors 0901

- RT Reactance
- Switching surges
- Transmission (electrical)
- Transmission lines

Shunt resistors 0901

- BT -Resistors
- RT -Electric conductors
- Resistance
- Switching surges
- Transmission (electrical)
- Transmission lines
- Voltage dividers

Shunts (electric)

USE Electric shunts

S-hydrographs

USE Unit hydrographs

Side channel spillways 1313.1

- BT -Engineering structures
- Hydraulic structures
- Spillways
- RT Bypasses
- Dams
- Energy dissipation
- Flashboards
- Floodways
- Hydraulic engineering
- Outlet
- Overflow
- Spillway crests
- Stilling basins
- Tunnels

Side friction

USE Friction

Sierozems 0807

- UF Desert soils
- BT -Alkaline soils
- Calcareous soils
- Pedocals
- Soil groups
- Soils
- Soil types
- RT Alkali soils
- Arid lands
- Temperate

Sieve analysis 1402

- BT -Analysis
- Gradation analysis
- Mechanical analysis
- RT -Fines
- Gradation
- Grain sizes
- Laboratory tests
- Measurement
- Particle size
- Screening
- Sieves
- Size
- Soil analysis
- Uniformity coefficient

Sieves 1402

- RT Baffles
- Filters
- Gradation
- Mechanical analysis
- Screening
- Screens
- Sieve analysis
- Size

Sieve tubes

USE Phloem

Signal generators 0905

- BT -Equipment
- Generators
- RT -Circuits
- Converters (electrical)
- Oscillators
- Transmitters

Silage 0204

- BT -Feeds
- RT Alfalfa
- Clovers
- Corn (field)
- Grasses
- Orchardgrass

Red clover

- Silos
- Sorghum
- Soybeans
- Sudangrass
- Sugar beets

Silica 0702

- BT -Chemical compounds
- Inorganic compounds
- Oxides
- Silicon compounds
- RT Abrasives
- Alkali aggregate reactions
- Chert
- Diatomaceous earth
- Quartz
- Silicates
- Silicon

Silicates 0807

- BT -Chemical compounds
- Inorganic compounds
- NT Bentonite
- Clay minerals
- Illite
- Montmorillonite
- Sodium silicate
- Vermiculite
- RT Chemical groups
- Clays
- Mineralogy
- Silica
- Silicon
- Soils

Silicon 0702

- BT -Chemical elements
- RT Silica
- Silicates
- Silicon alloys
- Silicon compounds
- Silicones

Silicon alloys 1106

- BT -Alloys
- Metals
- RT Silicon

Silicon compounds 0702 0703

- BT -Chemical compounds
- NT Silica
- Silicones
- RT Silicon

Silicones 0703

- BT -Chemical compounds
- Organic compounds
- Silicon compounds
- RT Polymers
- Silicon

Silos 1313.5

- BT -Containers
- RT Bins
- Cellular structures
- Concrete structures
- Cylinders
- Cylindrical bodies
- Cylindrical shells
- Silage
- Steel structures
- Storage

Silt control

USE Sediment control

Silting 0808

- BT -Separation techniques
- NT Reservoir silting
- RT Desilting
- Regime theory
- Reservoirs
- Sedimentation
- Sediment concentration
- Sediment deposits
- Sedimentology
- Sills

Silts 0807

- BT -Soils
- Soil types
- NT Organic silts
- RT Aeolian soils
- Alluvial deposits
- Alluvium
- Bottom sediments
- Cohesionless soils
- Cohesive soils

THESAURUS OF WATER RESOURCES TERMS

THESAURUS OF TERMS

SLATE

Silts (Con.)

- Finegrained soils
- Fines
- Fine-textured soils
- Geologic deposits
- Grain sizes
- Impervious soils
- Lake soils
- Loams
- Loess
- Mud
- Mudstone
- Particle size
- Pervious soils
- Reservoir silling
- Rock flour
- Sands
- Sediment control
- Sediments
- Siltng
- Siltstone
- Silty loams
- Soil classifications
- Water pollution sources

Siltstone 0807

- BT -Rocks
- Sedimentary rocks
- RT -Clays
- Claystones
- Mudstone
- Sandstone
- Sediment deposits
- Shale
- Sills

Silt transport

- USE Sediment transport

Silty gravel

- USE Gravels

Silty loams 0807

- BT -Earth materials
- Loams
- Materials
- Soils
- Soil types
- RT -Aeolian soils
- Alluvial deposits
- Alluvium
- Clays
- Loess
- Organic matter
- Organic silts
- Sands
- Sills

Silver 0702

- BT -Chemical elements
- Metals
- RT Silver alloys
- Silver compounds

Silver alloys 1106

- BT -Alloys
- Metals
- RT Silver

Silver compounds 0702 0703

- BT -Chemical compounds
- NT Silver iodide
- RT Silver

Silver iodide 0702

- BT -Chemical compounds
- Inorganic compounds
- Silver compounds
- RT Cloud seeding
- Silver iodide generators

Silver iodide generators 0402.1

- BT -Equipment
- Generators
- RT Cloud seeding
- Induced precipitation
- Nuclei generators
- Silver iodide
- Weather modification

Silversides 0603.2

- UF Atherinidae
- BT -Animals
- Aquatic animals
- Aquatic life
- Fish
- Wildlife
- RT -Freshwater fish
- Marine fish

Silvicides

- USE Herbicides

Silviculture

- USE Forest management

Similitude 1407

- NT Hydraulic similitude
- RT Froude number
- Laboratory tests
- Models
- Model studies
- Model tests
- Prototype tests
- Reynolds number
- Simulation
- Systems analysis
- Tests
- Theoretical analysis
- Wind tunnels

Simulated rainfall 0402

- BT -Rainfall
- RT Hydrograph analysis
- Infiltration
- Rainfall simulators

Simulation 1407

- RT Analog computers
- Dynamic programming
- Electric analogs
- Game theory
- Hybrid computers
- Management analysis
- Mathematical models
- Models
- Model tests
- Monte carlo method
- Operations research
- Similitude
- Systems analysis
- Systems engineering
- Tests

Sinkholes 0807

- BT -Land forms
- RT -Carbonate rocks
- Caves
- Dolomite
- Groundwater
- Gypsum
- Karst
- Land subsidence
- Leakage
- Limestone
- Potholes
- Shallow subsidence
- Sinks
- Soluble rocks
- Subsidence
- Terrain
- Water loss

Sinking fund 0503

- RT Depreciation
- Replacement costs

Sinks 0807

- RT -Carbonate rocks
- Caves
- Groundwater
- Gypsum
- Karst
- Land subsidence
- Limestone
- Potholes
- Shallow subsidence
- Sinkholes
- Subsidence
- Subsurface drainage

Siphons 1313.1

- UF Inverted siphons
- BT -Closed conduits
- Conduits
- Conveyance structures
- Hydraulic structures
- RT Aqueducts
- Buried pipes
- Buried structures
- Canals
- Channels
- Crossings
- Culverts
- Furrow irrigation
- Hoses
- Hydraulic conduits
- Intakes
- Intake structures

Irrigation engineering

- Manholes
- Outlets
- Pipelines
- Pipes
- Pumps
- Sewers
- Tubes
- Vacuum breakers
- Water conveyance
- Water distribution (applied)

Sites 1407

- NT Damsites
- Overwintering sites
- Reservoir sites
- RT -Exploration
- Habitats
- Locating
- Locations
- Mapping
- Nests
- Oviposition
- Relocation
- Shore-line cover
- Stations
- Zoning

Site selection 1314

- RT Access routes
- Damsites
- Economic feasibility
- Environmental engineering
- Feasibility studies
- Geologic investigations
- Geologic mapping
- Locations
- Planning
- Reconnaissance surveys
- Reservoir sites
- Reservoir surveys
- Right-of-way
- Soil surveys

Size 1407

- BT -Physical properties
- NT Grain sizes
- Particle size
- Pore size
- RT Acreage
- Areal
- Bulk
- Dimensions
- Distance
- Gradation
- Gradation analysis
- Graded
- Growth rates
- Growth stages
- Mass
- Mean diameter
- Median diameter
- Scale (ratio)
- Screening
- Screens
- Shape
- Sieve analysis
- Sieves
- Volume

Skating (ice)

- USE Ice skating

Skewed structures 1313.5

- BT -Structures
- RT Asymmetry
- Bents (structural)
- Bridge piers
- Bridges (structures)
- Crossings
- Piers

Skids 1309

- RT Chutes
- Conveyances
- Conveyors
- Sleds
- Trailers

Skilling 0511

- BT -Recreation
- Winter sports
- RT -Recreation facilities
- Snow
- Snow management
- Snowpacks
- Water skilling

Ski-jump spillways 1313.1

- BT -Hydraulic structures
- Spillways
- RT Bypasses
- Dams
- Energy dissipation
- Flip buckets
- Floodways
- Hydraulic engineering
- Ogee crests
- Outlets
- Overflow
- Plunge basins
- Stilling basins

Skimming 0701 1308

- BT -Separation
- RT Overflow
- Sedimentation tanks
- Sewage treatment plants
- Sewage works

Skin friction 2004

- BT -Friction
- Mechanical properties
- RT -Boundary layer
- Boundary shear
- Coefficients
- Drag
- Fluid flow
- Fluid friction
- Friction coefficient (hydraulic)
- Friction coefficient (mechanical)
- Friction piles
- Negative friction
- Pile extraction
- Pile friction
- Positive friction
- Sliding resistance
- Surface properties
- Test piles
- Uplift resistance

Slabs 1313

- RT Bridge decks
- Buildings
- Concrete pavements
- Concretes
- Concrete structures
- Construction joints
- Contraction joints
- Dam facings
- Dowels
- Expansion joints
- Flexible foundations
- Floors
- Footings
- Foundations
- Keyways
- Lift slab construction
- Masonry
- Moistureproofing
- Mudjacking
- Pad footings
- Pavements
- Pile caps
- Reinforced concrete
- Revetments
- Small structures
- Spans
- Spread footings
- Spread foundations
- Structural concrete
- Structural design
- Structural members
- Transverse joints

Slags 1107

- RT -Aggregates
- Cinders
- Clinker
- Wastes

Slaking 0701

- UF Slaking tests
- RT -Chemical reactions
- Clay shales
- Decomposition
- Disintegration
- Hydration
- Lime
- Spalling

Slaking tests

- USE Slaking

Slate 0807

- BT -Crystalline rocks
- Metamorphic rocks

SLEDS

Slate (Con.)

- Rocks
- RT Roofing materials
- Schist
- Shale

Sleds 1306

- RT Conveyances
- Skids
- Trailers
- Transportation

Sleet 0402

- BT -Precipitation (atmospheric)
- RT -Freezing
- Graupel
- Highway icing
- Ice
- Rain
- Snow
- Storms

Sleeve valves 1311

- BT -Hydraulic valves
- Valves
- RT Gate valves
- Globe valves
- Hollow jet valves
- Plug valves

Slenderness ratio 1313.5

- RT Columns
- Length
- Structural design
- Structural members

Slide gates 1313.7

- BT -Gates
- Hydraulic gates
- RT Emergency gates
- Floodgates
- Fluid mechanics
- Hoisting machinery
- Metergates
- Outlet works
- Sector gates
- Sluice gates
- Turnout gates

Sliding 1407

- BT -Movement
- RT -Earth movements
- Friction
- Landslides
- Lubricants
- Lubrication
- Rocksides
- Sliding resistance
- Slip-circle method
- Slipping
- Slip planes
- Slip surface
- Slope stability

Sliding resistance 2011

- BT -Resistance
- RT Dam stability
- External friction
- Friction
- Friction coefficient (mechanical)
- Internal friction
- Lubrication
- Negative friction
- Safety factors
- Shear strength
- Skin friction
- Sliding
- Slip-circle method
- Slipping
- Slope stability
- Slope stabilization
- Stability analysis
- Surface properties

Slime 0808

- RT Muck
- Mud
- Scum
- Sludge

Slip-circle method 0813

- BT -Analytical techniques
- Stability analysis
- RT Cut slopes
- Dam design
- Dam stability
- Earth dams
- Rock slope stability
- Safety factors
- Sliding

Sliding resistance

- Slipping
- Slip planes
- Slip surface
- Slope stability
- Soil mechanics
- Soil stability

Slip forms 1303

- BT -Formwork (construction)
- RT Cast-in-place structures
- Concrete construction
- Concrete placing
- Construction equipment
- Construction methods
- Lifts (construction)
- Masonry
- Tunnel construction

Slipping 1407

- BT -Movement
- RT -Friction
- Landslides
- Lubrication
- Rocksides
- Sliding
- Sliding resistance
- Slip-circle method
- Slip planes
- Slip surface
- Slope stability

Slip planes 0813

- RT Failure surfaces
- Landslides
- Rocksides
- Rock slope stability
- Safety factors
- Sliding
- Slip-circle method
- Slipping
- Slip surface
- Slope stability
- Stability
- Stability analysis

Slip rings 0901

- BT -Rings
- RT Commutators
- Electric generators
- Electric motors

Slip surface 0813

- RT Failure surfaces
- Landslides
- Rocksides
- Rock slope stability
- Safety factors
- Sliding
- Slip-circle method
- Slipping
- Slip planes
- Slope stability
- Stability analysis

Slope angles 1201

- RT Angle of repose
- Critical slopes
- Cut slopes
- Dam stability
- Dynamic stability
- Earth dams
- Embankments
- Gradients
- Rock slope stability
- Safety factors
- Slopes
- Slope stability
- Stability analysis

Slope deflection method 1313.5

- RT Design practices
- Structural analysis
- Structural design

Slope indicators 1402

- UF Indicators (slope)
- BT -Measuring instruments
- RT Inclometers
- Tiltmeters

Slope protection 1302

- RT Armoring (streambed)
- Bank protection
- Beaching
- Concrete linings
- Cut slopes
- Dam facings
- Earth dams

Embankments

- Erosion control
- Gabions
- Ice loads
- Membranes
- Revetments
- Riprap
- Roadbanks
- Rock blankets
- Rocksides
- Rock slope stability
- Seeding
- Shore protection
- Slopes
- Slope stability
- Slope stabilization
- Soil asphalt
- Soil cement
- Soil erosion
- Vegetation establishment
- Zoned embankments

Slopes 0806

- UF Inclines
- NT Continental slope
- Critical slopes
- Cut slopes
- RT Angles (geometry)
- Bank erosion
- Banks
- Bank stability
- Beaching
- Berms
- Canyons
- Channel morphology
- Colluvium
- Continental shelf
- Creep
- Density currents
- Earthworks
- Embankments
- Energy gradient
- Flow control
- Geomorphology
- Graded
- Gradients
- Grading (earthwork)
- Hydraulic gradient
- Lake morphometry
- Land forms
- Landslides
- Mass wasting
- Mountains
- Overland flow
- Rainfall-runoff relationships
- Regime
- Roadbanks
- Runoff
- Runoff forecasting
- Safety factors
- Seeding
- Slope angles
- Slope protection
- Slope stability
- Slope stabilization
- Snowpacks
- Soil erosion
- Stability
- Stability analysis
- Surface runoff
- Talus
- Thalweg
- Topography
- Turbidity currents
- Valleys

Slope stability 0813

- BT -Stability
- NT Rock slope stability
- RT Angle of repose
- Avalanches
- Bank stability
- Channel improvements
- Cut slopes
- Dam failure
- Dam stability
- Earth dams
- Embankments
- Erosion control
- Fills
- Landslides
- Rapid drawdown
- Roadbanks
- Rocksides
- Rolled fills
- Safety factors
- Sliding
- Sliding resistance
- Slip-circle method

Slipping

- Slip planes
- Slip surface
- Slope angles
- Slope protection
- Slopes
- Slope stabilization
- Soil mechanics
- Soil stability
- Soil stabilization
- Stability analysis
- Structural stability
- Vegetation establishment
- Zoned embankments

Slope stabilization 0813

- BT -Stabilization
- RT Bank stabilization
- Cribbing
- Crib walls
- Cut slopes
- Embankments
- Erosion control
- Fills
- Retaining walls
- Revetments
- Riprap
- Rocksides
- Rock slope stability
- Sliding resistance
- Slope protection
- Slopes
- Slope stability
- Soil asphalt
- Soil cement
- Soil stabilization
- Soil treatment
- Stability
- Vegetation establishment

Sloping intake structures 1313.1

- BT -Engineering structures
- Hydraulic structures
- Intake structures
- RT Chutes
- Debris barriers
- Intake channels
- Intake transitions

Slots 1407

- RT Bulkheads
- Flow characteristics
- Fluid flow
- Gate seals
- Hydraulic gates
- Hydraulic models
- Stop logs

Sludge 1302.1

- NT Activated sludge
- Sewage sludge
- RT Farm wastes
- Industrial wastes
- Organic wastes
- Oxidation lagoons
- Sanitary engineering
- Settling basins
- Sewage
- Sewage disposal
- Sewage treatment plants
- Sewage works
- Slime
- Sludge disposal
- Sludge treatment
- Solid wastes
- Wastes

Sludge digestion 1302.1

- UF Digestion (sludge)
- BT -Biodegradation
- Decomposition
- Degradation (decomposition)
- Digestion
- RT Activated sludge
- Anaerobic digestion
- Anaerobic processes
- Chemical degradation
- Methane bacteria
- Oxidation lagoons
- Sewage treatment plants
- Sludge disposal
- Sludge treatment
- Thermophilic bacteria

Sludge disposal 1302.1

- BT -Disposal
- Waste disposal
- RT Anaerobic digestion
- Chlorination

THESAURUS OF TERMS

Sludge disposal (Con.)

- Degradation (decomposition)
- Environmental sanitation
- Incineration
- Lagoons (ponds)
- Municipal wastes
- Sanitary engineering
- Settling basins
- Sewage disposal
- Sewage lagoons
- Sewage treatment plants
- Sludge
- Sludge digestion
- Sludge treatment
- Waste storage

Sludge treatment 1302.1

- BT -Treatment
- Waste treatment
- RT Activated sludge
- Biodegradation
- Biological treatment
- Chemical degradation
- Cultures
- Drainage
- Oxidation lagoons
- Septic tanks
- Sewage lagoons
- Sewage treatment
- Sewage treatment plants
- Sludge
- Sludge digestion
- Sludge disposal
- Soil amendments

Sludge worms 0603.2

- BT -Animals
- Annelids
- Aquatic animals
- Aquatic life
- Benthic fauna
- Benthos
- Invertebrates
- Oligochaetes
- Worms

Slug flow 2004

- RT Chutes
- Chute spillways
- Roll waves
- Stilling basins
- Surges
- Unsteady flow

Sluice fills

- USE Hydraulic fills

Sluice gates 1313.7

- BT -Gates
- Hydraulic gates
- RT Diversion structures
- Floodgates
- Fluid mechanics
- Hoisting machinery
- Radial gates
- Roller gates
- Sector gates
- Slide gates
- Sluices
- Training walls
- Turnout gates

Sluices 1313.1

- BT -Conveyance structures
- Engineering structures
- Hydraulic structures
- Structures
- RT -Channels
- Chutes
- Chute spillways
- Conduits
- Dams
- Diversion dams
- Diversion structures
- Floodgates
- Flow
- Flumes
- Gates
- Hydraulic mining
- Intakes
- Intake structures
- Miter gates
- Outlets
- Outlet works
- Placer mining
- Regulation
- Sluice gates
- Valves
- Waterways

Slum clearance

- USE Urban renewal

Slump 1407

- RT Concrete mixes
- Concrete placing
- Concrete properties
- Concrete
- Construction control
- False set
- Water-cement ratio
- Workability

Slurries 1107

- BT -Mixtures
- RT Bentonite
- Coagulation
- Cutoffs
- Drilling fluids
- Expansive clays
- Expansive soils
- Hydraulic transportation
- Lime
- Liquids
- Mixing
- Mixing length
- Mud
- Pudding
- Suspended solids
- Suspension

Slush 0812

- RT Firn
- Frazil ice
- Freezing
- Ice
- Melting
- Snow
- Water

Small animals (mammals) 0603.2

- BT -Animals
- NT Beavers
- Gophers
- Mink
- Muskunks
- Rodents
- RT Animal groupings
- Aquatic animals
- Furbearers
- Laboratory animals
- Mammal groupings
- Small game
- Wildlife

Small game 0603.2

- BT -Animals
- Wildlife
- NT Game birds
- RT Fish and wildlife
- Furbearers
- Hunting
- Mammals
- Rodents
- Small animals (mammals)

Smallmouth bass

- USE Bass

Small structures 1313.5

- UF Minor structures
- BT -Structures
- RT Appurtenances
- Bifurcations
- Building codes
- Buildings
- Concrete structures
- Construction
- Construction materials
- Erection
- Hydraulic structures
- Large structures
- Roofs
- Slabs
- Trifurcations
- Walls

Small watersheds 0808

- BT -Regions
- Watersheds (basins)
- RT Agricultural watersheds
- Farm ponds
- Land use
- Overland flow
- Surface runoff

Smelts 0603.2

- BT -Animals
- Aquatic animals

-Aquatic life

- Fish
- Marine animals
- Marine fish
- Saline water fish
- Wildlife
- RT -Freshwater fish

Smog 0402

- BT -Clouds
- RT Aerosols
- Air pollution effects
- Ceilings (meteorology)
- Cirrus clouds
- Condensation
- Cumulus clouds
- Fog
- Haze
- Mist
- Mixtures
- Particles
- Smoke
- Stratus clouds
- Temperature inversions
- Vapors
- Visibility

Smoke 2102

- RT -Air pollution
- Burning
- Ceilings (meteorology)
- Chimneys
- Dispersion
- Dust
- Effervescence
- Effluents
- Fly ash
- Incineration
- Mixtures
- Particles
- Smog
- Vapors
- Visibility

Smolt 0603.2

- BT -Animals
- Aquatic animals
- Aquatic life
- Fish
- Salmon
- Salmonids
- Wildlife
- RT -Life cycles
- Life expectancy

Smoothness 1407

- BT -Physical properties
- RT Contours
- Friction tests
- Roughness
- Surface properties
- Texture

Smooth rollers

- USE Drum rollers

Smooth wall blasting 1315

- BT -Blasting
- RT -Blasts
- Delay elements (explosives)
- Explosives
- Mining
- Presplit blasting
- Quarrying
- Rock excavation
- Tunneling

Smuts 0603.1

- BT -Diseases
- Plant diseases
- RT Epiphytology

Snails 0603.2

- BT -Animals
- Aquatic animals
- Aquatic life
- Gastropods
- Invertebrates
- Mollusks
- Shellfish
- RT -Benthic fauna
- Molluscacides

Snakes 0603.2

- BT -Animals
- Reptiles
- Wildlife
- RT -Aquatic animals

SNOW MANAGEMENT

Snapdragons 0603.1

- BT -Crops
- Dicots
- Horticultural crops
- Ornamentals
- Plants (botany)

Snow 0402 0812

- BT -Groundwater sources
- Precipitation (atmospheric)
- NT Firn
- Graupel
- RT Ablation
- Avalanches
- Blizzards
- Cloud seeding
- Cryology
- Ice
- Melt water
- Microenvironment
- Orographic precipitation
- Roof failures
- Runoff
- Skirting
- Steel
- Slush
- Snow cover
- Snowfall
- Snow gages
- Snow management
- Snow mechanics
- Snowmelt
- Snow removal
- Snowstorms
- Snow surveys
- Storms
- Sublimation
- Water supply forecasting
- Weather

Snow cover 0812

- RT Cold resistance
- Snow
- Snow gages
- Snow management
- Snowmelt
- Snowpacks
- Snow surveys
- Water supply forecasting
- Winterkilling

Snowfall 0402

- RT Hydrologic cycle
- Precipitation gages
- Roof failures
- Snow
- Snow gages
- Snow management
- Snowmelt
- Snow samplers
- Water equivalent
- Water supply forecasting

Snow gages 0402

- BT -Equipment
- Hydrologic instruments
- Measuring instruments
- Meteorological instruments
- Precipitation gages
- RT -Snow
- Snow cover
- Snowfall
- Snow management
- Snowpacks
- Snow samplers
- Water supply forecasting

Snow goose 0603.2

- UF Chen hyperborea
- BT -Animals
- Aquatic life
- Birds
- Geese (wild)
- Migratory birds
- Waterfowl
- Wildlife

Snow management 0808 0812

- BT -Management
- Water management (applied)
- Water resources management
- RT -Avalanches
- Cloud seeding
- Forest management
- Forestry
- Forests
- Melt water
- Precipitation gages
- Runoff

SNOW MECHANICS

Snow management (Con.)

- Shelterbelts
- Skiing
- Snow
- Snow cover
- Snowfall
- Snow gages
- Snowmelt
- Snowpacks
- Snow removal
- Snow surveys
- Sublimation
- Water conservation
- Water supply forecasting

Snow mechanics 0402

- RT -Avalanches
- Creep
- Snow
- Snow removal

Snowmelt 0808

- BT -Fresh water
- Melt water
- Water
- Water types
- RT Ablation
- Antecedent precipitation
- Design storm
- Flood hydrographs
- Flood peaks
- Glaciers
- Intermittent streams
- Melting
- Overland flow
- Peak runoff
- Radiation
- Runoff
- Runoff forecasting
- Snow
- Snow cover
- Snowfall
- Snow management
- Snowpacks
- Snow surveys
- Storm runoff
- Surface drainage
- Surface runoff
- Water equivalent
- Water sources
- Water supply
- Water supply forecasting

Snowpacks 0808 0812

- UF Drift (snow)
- RT Albedo
- Avalanches
- Density stratification
- Drift
- Firn
- Glaciers
- Liquid water content
- Mountain forests
- Shelterbelts
- Skiing
- Slopes
- Snow cover
- Snow gages
- Snow management
- Snowmelt
- Snow removal
- Snow surveys
- Water equivalent
- Water supply forecasting
- Water yield
- Water yield improvement

Snow removal 1302.4

- BT -Removal
- RT Blizzards
- Deicers
- Deicing
- Heating
- Ice prevention
- Preheating
- Roads
- Snow
- Snow management
- Snow mechanics
- Snowpacks

Snow samplers 0402

- BT -Hydrologic instruments
- RT Snowfall
- Snow gages
- Snow surveys
- Water supply forecasting

Snowslides

- USE Avalanches

Snowstorms 0402

- BT -Storms
- RT Blizzards
- Snow
- Wind (meteorology)

Snow surveys 0808 0812

- BT -Surveys
- RT -Hydrologic instruments
- Snow
- Snow cover
- Snow management
- Snowmelt
- Snowpacks
- Snow samplers
- Water supply forecasting
- Weather forecasting

Soaking 0701 1308

- RT -Flooding
- Heating
- Impregnation
- Preheating
- Saturation
- Submergence
- Wetting

Soaps 1111

- RT Cleaning
- Detergents
- Domestic water
- Hardness (water)
- Surfactants
- Water softening
- Wetting agents

Soapstone

- USE Talc

Social adjustment 0511

- BT -Social aspects
- RT Social change
- Social function
- Social impact
- Social needs
- Social participation
- Social values
- Sociology

Social aspects 0511

- NT Rural sociology
- Social adjustment
- Social impact
- Urban sociology
- RT Adoption of practices
- Aesthetics
- Area redevelopment
- Attitudes
- Decision making
- Economics
- Education
- Employment opportunities
- Environments
- Ethics
- Federal government
- Human behavior
- Human resources
- Industries
- Labor unions
- Local governments
- Management
- Motivation
- Population
- Psychological aspects
- Public health
- Public opinion
- Recreation
- Social change
- Social function
- Social needs
- Social participation
- Social sciences
- Social values
- Sociology
- State governments
- Third party effects
- Water demand
- Water resources development
- Welfare (economics)

Social behavior 0511

- BT -Animal behavior
- Behavior
- RT Communication
- Competition
- Environmental effects
- Ethics
- Fish behavior
- Group dynamics

- Habitats
- Human behavior
- Parental care
- Political aspects
- Population
- Psychological aspects
- Recreation
- Schools (fish)
- Sociology

Social change 0511

- RT Social adjustment
- Social aspects
- Social function
- Social impact
- Social sciences
- Sociology

Social function 0511

- RT Decision making
- Planning
- Social adjustment
- Social aspects
- Social change
- Social participation

Social impact 0511

- BT -Social aspects
- RT Economic impact
- Employment
- Recreation
- Social adjustment
- Social change
- Social mobility
- Social values
- Sociology

Social mobility 0511

- RT Community development
- Labor mobility
- Migration
- Planning
- Rural sociology
- Social impact
- Urban sociology

Social needs 0511

- RT Occupations
- Recreation demand
- Social adjustment
- Social aspects
- Social participation
- Social values
- Sociology

Social orders

- USE Sociology

Social participation 0511

- RT Recreation demand
- Social adjustment
- Social aspects
- Social function
- Social needs

Social problems

- USE Sociology

Social sciences 0500

- BT -Sciences
- NT -Economics
- Geography
- History
- Political science
- Rural sociology
- Sociology
- Urban sociology
- RT Group dynamics
- Social aspects
- Social change
- Social values

Social values 0511

- BT -Value
- RT Employee relations
- Social adjustment
- Social aspects
- Social impact
- Social needs
- Social sciences
- Sociology

Sociology 0511

- UF Social orders
- Social problems
- BT -Social sciences
- NT Rural sociology
- Urban sociology
- RT Aesthetics

- Behavior
- Communication
- Ecology
- Education
- Ethics
- Group dynamics
- History
- Human population
- Industrial relations
- International law
- Organizations
- Political science
- Population growth
- Recreation
- Social adjustment
- Social aspects
- Social behavior
- Social change
- Social impact
- Social needs
- Social values
- Urbanization
- Work

Sockeye salmon 0603.2

- UF Oncorhynchus kisutch
- BT -Animals
- Aquatic animals
- Aquatic life
- Fish
- Salmon
- Salmonids
- Wildlife
- RT -Freshwater fish
- Marine fish

Sod

- USE Turi

Sodium 0702

- BT -Alkali metals
- Chemical elements
- Metals
- RT Sodium alloys
- Sodium carbonate
- Sodium compounds
- Sodium nitrates
- Sodium phosphates
- Sodium radioisotopes
- Sodium silicate
- Sodium sulfate

Sodium alloys 1106

- BT -Alloys
- Metals
- RT Sodium

Sodium arsenite 0702

- BT -Arsenicals (pesticides)
- Arsenic compounds
- Chemical compounds
- Chemicals
- Fumigants
- Inorganic compounds
- Inorganic pesticides
- Pesticides
- Sodium compounds

Sodium carbonate 0702

- BT -Carbonates
- Carbon compounds
- Chemical compounds
- Sodium compounds
- RT -Carbonate minerals
- Sodium

Sodium chloride 0702

- BT -Chemical compounds
- Chemicals
- Chlorides
- Chlorine compounds
- Halides
- Inorganic compounds
- Salts
- Sodium compounds
- RT -Admixtures
- Soil stabilization
- Soil treatment

Sodium compounds 0702 0703

- BT -Chemical compounds
- NT Sodium arsenite
- Sodium carbonate
- Sodium chloride
- Sodium nitrates
- Sodium phosphates
- Sodium silicate
- Sodium sulfate
- RT Sodium

THESAURUS OF TERMS

Sodium nitrates 0702

- BT—Chemical compounds
- Nitrates
- Nitrogen compounds
- Sodium compounds
- RT Sodium

Sodium phosphates 0702

- BT—Chemical compounds
- Phosphates
- Phosphorus compounds
- Sodium compounds
- RT Sodium

Sodium radioisotopes 1802

- BT—Chemical elements
- Isotopes
- Metals
- Radioisotopes
- RT Sodium

Sodium silicate 0702

- BT—Chemical compounds
- Inorganic compounds
- Silicates
- Sodium compounds
- RT Chemical grouts
- Sodium

Sodium sulfate 0702

- BT—Chemical compounds
- Inorganic compounds
- Sodium compounds
- Sulfates
- Sulfur compounds
- RT Sodium

Software (computers)

- USE Computer systems programs

Softwood 0206 1112

- BT—Building materials
- Materials
- Wood
- RT Coniferous forests
- Coniferous trees
- Deciduous forests
- Deciduous trees
- Forests
- Lumber
- Trees

Soil aggregates 0807

- BT—Aggregates
- Granular materials
- RT—Earth materials
- Fine aggregates
- Minerals
- Soil asphalt
- Soil cement
- Soil components
- Soil physics
- Soils
- Soil structure

Soil algae 0613

- BT—Algae
- Microorganisms
- Plants (botany)
- Soil microorganisms
- RT Chlamydomonas
- Chrysophyta
- Cyanophyta
- Natural resources

Soil amendments 0201 0813

- BT—Additives
- RT—Agricultural chemicals
- Fertilizers
- Infiltration
- Organic matter
- Permeability
- Sludge treatment
- Soil management
- Soil physics
- Soil structure
- Soil texture
- Soil treatment

Soil analysis 0807 0813

- UF Soil testing
- BT—Analysis
- RT Bioassay
- Bioindicators
- Chemical analysis
- Evaluation
- Foreign tests
- Geochemistry
- Laboratory tests

Mineral content

- Nutrients
- Sieve analysis
- Soil chemical properties
- Soil chemistry
- Soil classifications
- Soil components
- Soil density
- Soil mechanics
- Soil physical properties
- Soil physics
- Soil properties
- Soil samplers
- Soil tests
- Tests
- Uniformity coefficient
- Visual classifications

Soil asphalt 1303

- BT—Construction materials
- RT—Asphalts
- Slope protection
- Slope stabilization
- Soil aggregates
- Soil cement
- Soils
- Soil sealants
- Soil stabilization
- Soil treatment

Soil bacteria 0613

- BT—Bacteria
- Microorganisms
- Plants (botany)
- Soil microorganisms
- NT Myxobacteria
- RT Actinomyces
- Azotobacter
- Clostridium
- Nitrogen fixing bacteria
- Pseudomonas
- Rhizosphere
- Soil sterilants
- Sulfate reducing bacteria
- Thiobacillus ferrooxidans

Soil-borne diseases 0605

- BT—Diseases
- RT Epiphytology
- Soil sterilants

Soil cement 1303

- BT—Construction materials
- RT Bedding materials
- Cements
- Dam facings
- Earth dams
- Earth materials
- Lime soil mixtures
- Lined canals
- Pavements
- Paving
- Portland cements
- Slope protection
- Slope stabilization
- Soil aggregates
- Soil asphalt
- Soils
- Soil sealants
- Soil stabilization
- Soil treatment

Soil chemical properties 0813

- BT—Chemical properties
- Properties
- Soil properties
- RT Acidity
- Alkalinity
- Conductivity
- Drainage effects
- Fertility
- Irrigation effects
- pH
- Salinity
- Soil analysis
- Soil chemistry
- Soil classifications
- Soil disposal fields
- Soil mechanics
- Soil profiles
- Soil resistivity
- Soils
- Soil science
- Soil stability
- Soil stabilization
- Soil structure
- Trace elements

Soil chemistry 0807

- BT—Chemistry
- Geochemistry
- RT Agronomy
- Chemical properties
- Corrosion control
- Osmotic pressure
- Soil analysis
- Soil chemical properties
- Soil components
- Soil engineering
- Soil environment
- Soil gases
- Soil mechanics
- Soil physical properties
- Soil physics
- Soil properties
- Soils
- Soil science
- Soil sealants
- Soil stabilization
- Soil structure

Soil classifications 0813

- UF Unified soil classifications
- BT—Classifications
- RT Cobbles
- Colloids
- Color
- Earth materials
- Field classifications
- Gradation
- Gradation analysis
- Grain shapes
- Grain sizes
- Gravels
- Mechanical analysis
- Odor
- Sifts
- Soil analysis
- Soil chemical properties
- Soil components
- Soil engineering
- Soil formation
- Soil groups
- Soil horizons
- Soil investigations
- Soil maps
- Soil mechanics
- Soil physical properties
- Soil plasticity
- Soil profiles
- Soil properties
- Soils
- Soil science
- Soil tests
- Soil texture
- Soil types
- Subsoil
- Symbols
- Texture
- Topsoil
- Uniformity coefficient
- Visual classifications
- Wet condition

Soil compaction 0813

- BT—Compaction
- RT Compacted soils
- Compaction equipment
- Compaction tests
- Construction
- Densification
- Dry density
- Earth dams
- Earth materials
- Earthworks
- Fills
- Impervious blankets
- Optimum moisture content
- Pore pressure
- Proctor curves
- Puddling
- Rapid compaction control
- Remolded soil samples
- Rolled fills
- Rollers
- Rolling
- Seepage control
- Soil density
- Soil density probes
- Soil mechanics
- Soils
- Soil stabilization
- Soil structure
- Soil surfaces
- Soil treatment
- Surface sealing

SOIL CONSOLIDATION TESTS

Vibratory compaction

Soil components 0813

- UF Components (soil)
- RT—Clays
- Cobbles
- Colloids
- Earth materials
- Fines
- Gravels
- Humus
- Minerals
- Organic matter
- Sands
- Soil aggregates
- Soil analysis
- Soil chemistry
- Soil classifications
- Soil gases
- Soil physics
- Soils
- Soil water
- Soluble salts

Soil compression tests 0813 1402

- UF Compression tests (soil)
- BT—Compression tests
- Materials tests
- Soil tests
- Tests
- RT—Axial compression
- Bearing capacity
- Biaxial compression
- Compression
- Compression curves
- Compressive strength
- Compressive stress
- Shear tests
- Soil consolidation tests
- Soil properties
- Triaxial compression
- Triaxial tests
- Unconfined compression
- Undrained shear tests

Soil conservation 0203

- UF Land conservation
- BT—Conservation
- Resource conservation
- RT Agricultural engineering
- Civil engineering
- Contour farming
- Contours
- Cover crops
- Cultivation
- Demonstration farms
- Demonstration watersheds
- Drainage
- Dust control
- Dust storms
- Eluvium
- Erosion control
- Forest management
- Irrigation engineering
- Land
- Land development
- Land preparation
- Land reclamation
- Landscaping
- Mass wasting
- Mulching
- Range management
- Reclamation
- Runoff
- Sediment control
- Soil erosion
- Soil investigations
- Soil management
- Soil maps
- Soil physics
- Soil reclamation
- Soils
- Soil stabilization
- Soil-water-plant relationships
- Soil water storage
- Terraces
- Terracing
- Vegetation establishment
- Water conservation
- Wildlife management
- Wind erosion

Soil consolidation tests 0813 1402

- UF Consolidation tests (soil)
- BT—Materials tests
- Soil tests
- Tests
- RT Compressibility

SOIL CONTAMINATION

Soil consolidation tests (Con.)

- Consolidation
- Deformation
- Settlement (structural)
- Soil compression tests
- Soil properties

Soil contamination 0201

- UF Pollution (soils)
- BT -Contamination
- RT -Agricultural chemicals
- Detergents
- Environmental sanitation
- Fallout
- Industrial wastes
- Microenvironment
- Morbidity
- Mortality
- Path of pollutants
- Pesticide residues
- Pollutant identification
- Pollutants
- Pollution abatement
- Pollution control
- Public health
- Radioactivity
- Soil contamination effects
- Soil environment
- Soil sterilants
- Soil treatment
- Toxins

Soil contamination effects 0201

- BT -Effects
- RT -Contamination
- Diseases
- Phytotoxicity
- Soil contamination
- Stream pollution
- Toxicity
- Water pollution

Soil density 0813

- BT -Density
- Physical properties
- Soil physical properties
- Soil properties
- RT Compacted soils
- Compaction tests
- Dry density
- Hardpan
- Impervious soils
- In place density
- Loose soils
- Nuclear meters
- Penetration resistance
- Porosity
- Preconsolidated soils
- Preloading
- Proctor curves
- Rapid compaction control
- Soil analysis
- Soil compaction
- Soil density probes
- Soil liquefaction
- Soil physics
- Soil strength
- Soil structure
- Surface sealing
- Void ratio
- Wet weight

Soil density probes 1402

- UF Density probes (soil)
- Sediment density probes
- BT -Instrumentation
- RT In place density
- Nuclear density meters
- Nuclear meters
- Soil compaction
- Soil density

Soil dispersants 0813

- BT -Chemicals
- Dispersants
- RT Dispersion
- Soil treatment

Soil disposal fields 1302.1

- UF Disposal fields
- Drain field
- RT -Aerobic bacteria
- Biodegradation
- Farm wastes
- Municipal wastes
- Oxidation lagoons
- Permeability
- Septic tanks
- Soil chemical properties
- Soil physical properties

- Soil properties
- Soil treatment
- Waste treatment

Soil dynamics 0813

- BT -Dynamics
- RT -Damping
- Design earthquake
- Dynamic loads
- Dynamic response
- Dynamic stability
- Dynamic tests
- Earthquake engineering
- Earthquake loads
- Earthquakes
- Elastic waves
- Repeated loading
- Seismic design
- Seismic stability
- Seismic tests
- Shear waves
- Shock (mechanics)
- Shock tests
- Shock waves
- Soil engineering
- Soil mechanics
- Soils
- Soil stability
- Stress waves
- Transients
- Vibration
- Vibration tests

Soil engineering 0813

- BT -Civil engineering
- Engineering
- RT -Earth materials
- Soil chemistry
- Soil classifications
- Soil dynamics
- Soil mechanics
- Soil physics
- Soils
- Soil science
- Soil tests

Soil environment 0813

- BT -Environments
- RT Compacted soils
- Cultivation
- Microenvironment
- Moisture availability
- Rhizosphere
- Soil chemistry
- Soil contamination
- Soil gases
- Soil management
- Soil microbiology
- Soil moisture
- Soil physical properties
- Soil properties
- Soils
- Soil science
- Soil structure
- Soil surfaces
- Soil temperature
- Soil types
- Soil water
- Soil-water-plant relationships

Soil erosion 0807

- UF Control (soil erosion)
- Erosion control (soil)
- Land erosion
- BT -Erosion
- RT Bank erosion
- Bank protection
- Beach erosion
- Channel erosion
- Cultivation
- Dust storms
- Erosion control
- Ground cover
- Gully erosion
- Land reclamation
- Landslides
- Mass wasting
- Peak runoff
- Precipitation excess
- Rain
- Rainfall
- Rill erosion
- Runoff
- Sheet erosion
- Sheet floods
- Slope protection
- Slopes
- Soil conservation
- Soil mechanics

- Soil physics
- Soils
- Soil stability
- Soil stabilization
- Strip cropping
- Surface runoff
- Vegetation establishment
- Wind erosion

Soil formation 0807

- RT Detrital soils
- Humus
- Residual soils
- Soil classifications
- Soil investigations
- Soil physics
- Soil science
- Volcanic ash
- Weathering

Soil fungi 0613

- BT -Fungi
- Microorganisms
- Plants (botany)
- Soil microorganisms
- RT Rhizosphere
- Soil sterilants
- Verticillium

Soil gases 0807

- BT -Gases
- RT Aeration
- Carbon dioxide
- Nitrogen
- Oxygen
- Soil chemistry
- Soil components
- Soil environment
- Soil physics
- Soil-water-plant relationships

Soil groups 0807 0813

- NT Brown soils
- Chernozems
- Chestnut soils
- Gray-brown podzolic soils
- Laterites
- Podzols
- Prairie soils
- Red podzolic soils
- Sierozems
- Yellow podzolic soils
- RT -Pedalfers
- Pedocals
- Regions
- Soil classifications
- Soil investigations
- Soil physics
- Soils
- Soil science
- Soil types

Soil horizons 0807

- NT A horizon
- B horizon
- C horizon
- RT Agronomy
- Azonal
- Land classification
- Soil classifications
- Soil investigations
- Soil maps
- Soil profiles
- Soils
- Soil science
- Soil surveys
- Soil texture
- Soil types
- Strata
- Stratigraphy
- Subsoil
- Topsoil

Soil improvement

- USE Soil management

Soil investigations 0813

- BT -Investigations
- RT Auger borings
- Borehole cameras
- Borrow areas
- Borrow materials
- Denison samplers
- Disturbed samples
- Drill holes
- Drive samplers
- Earth dams
- Earth materials
- Electrical resistivity

THESAURUS OF WATER RESOURCES TERMS

- Exploration
- Field classifications
- Field data
- Field investigations
- Foundation bearing tests
- Foundation investigations
- Geologic investigations
- Hand augers
- In place density
- Land classification
- Land reclamation
- Logging (recording)
- Logs
- Maps
- Nuclear moisture meters
- Penetration resistance
- Penetration tests
- Petrographic investigations
- Piston samplers
- Pits
- Preliminary investigations
- Reconnaissance surveys
- Remolded soil samples
- Resistivity surveys
- Rotary drilling
- Sampling
- Sediment sampling
- Seismic investigations
- Soil classifications
- Soil conservation
- Soil formation
- Soil groups
- Soil horizons
- Soil maps
- Soil mechanics
- Soil profiles
- Soil properties
- Soil resistivity
- Soils
- Soil samplers
- Soil science
- Soil surveys
- Soil tests
- Soil types
- Sounding
- Subsurface investigations
- Subsurface mapping
- Surveying
- Surveys
- Test holes
- Test pits
- Trenches
- Undisturbed samples
- Visual classifications

Soil leaching

- USE Leaching

Soil lime mixtures

- USE Lime soil mixtures

Soil liquefaction 0813

- BT -Liquefaction
- RT Critical density
- Earthquakes
- Failure (mechanics)
- Moisture content
- Mudflows
- Sands
- Saturated soils
- Seismic stability
- Shock (mechanics)
- Soil density
- Soils
- Soil stability
- Vibration

Soil management 0203

- UF Soil improvement
- BT -Management
- NT Chiselling
- Contour farming
- Cultivation
- Deep tillage
- Following
- Stubble mulching
- RT -Agronomic crops
- Agronomy
- Cereal crops
- Crops
- Cultivated lands
- Erosion control
- Farm management
- Forages
- Forest soils
- Infiltration
- Irrigation practices
- Land management
- Land reclamation

THESAURUS OF TERMS

Soil management (Con.)

Leaching
Mulching
Pasture management
Planting management
Seeding
Soil amendments
Soil conservation
Soil environment
Soil moisture
Soil physics
Soil reclamation
Soils
Soil sterilants
Soil surveys
Soil treatment
Soil water
Soil-water-plant relationships
Strip cropping
Terraces
Terracing
Topsoil
Watershed management

Soil maps 0807

BT -Maps
RT Geologic maps
Mapping
Photogrammetry
Photointerpretation
Soil classifications
Soil conservation
Soil horizons
Soil investigations
Soil profiles
Soil science
Soil surveys
Soil types
Undisturbed soils

Soil mechanics 0813

BT -Mechanics
RT -Civil engineering
Compaction tests
Compressive strength
Consolidation
Dam design
Differential settlement
Drained shear tests
Earth dams
Earth materials
Earth pressure
Earthworks
Excavation
Flexible foundations
Footings
Foundations
Frost heaving
Heaving
Hydraulic fill dams
Hydraulics
Landslides
Mass wasting
Mohr circle
Mohr envelope
Mohr failure theory
Negative pore pressure
Permafrost
Pore air pressure
Pore pressure
Pore water pressure
Rock mechanics
Seepage
Settlement (structural)
Slip-circle method
Slope stability
Soil analysis
Soil chemical properties
Soil chemistry
Soil classifications
Soil compaction
Soil dynamics
Soil engineering
Soil erosion
Soil investigations
Soil physics
Soil plasticity
Soil pressure
Soil properties
Soils
Soil stability
Soil stabilization
Soil strength
Soil structure
Soil tests
Stability analysis

Soil microbiology 0613

BT -Microbiology
RT -Biodegradation

-Diseases
-Ecology
Nematodes
Plant growth substances
Planting management
Plant pathology
Rhizosphere
Soil environment
Soil microorganisms
Soil science

Soil microorganisms 0613

BT -Microorganisms
NT Myxobacteria
Soil algae
Soil bacteria
Soil fungi
RT Actinomycetes
Clostridium
Competition
Cultures
Nematodes
Nitrogen fixing bacteria
Plant growth substances
Protozoa
Rhizosphere
Soil microbiology
Soil sterilants
Verticillium
Yeasts

Soil moisture 0813

(this term is nearly synonymous with soil water, consider also soil water)

UF Rhizic water
Uniform soil moisture conditions
BT -Moisture
NT -Capillary water
Excess water (soils)
Fringe water
Hygroscopic water
RT Adsorbed water
Bouyoucos blocks
Diffusion
Evapotranspiration
Fallowing
Field capacity
Heat of hydration
Heaving
Humidity
Hysteresis
Infiltration
Moisture availability
Moisture content
Moisture tension
Nuclear moisture meters
Osmotic pressure
Percolation
Permeability
Proctor curves
Rapid compaction control
Retention
Root zone
Soil environment
Soil management
Soil moisture meters
Soil moisture movement
Soil physics
Soils
Soil stabilization
Soil temperature
Soil types
Soil water
Soil water movement
Soil-water-plant relationships
Soil-water relationship
Soil water storage
Subsurface moisture
Subsurface waters
Tensiometers
Water content
Water utilization
Wetting front
Wilting point
Workability
Zone of aeration

Soil moisture meters 1402

UF Soil moisture probe
BT -Instrumentation
Measuring instruments
Moisture meters
RT Bouyoucos blocks
Moisture content
Nuclear meters
Nuclear moisture meters
Soil moisture

Soil moisture movement 0808.1

RT Capillary
Capillary conductivity
Drainage
Drainage engineering
Groundwater
Groundwater flow
Groundwater movement
Hydraulic conductivity
Infiltration
Permeability
Porosity
Seepage
Soil moisture
Soils
Soil water
Soil water movement
Soil-water relationship

Soil moisture probe

USE Soil moisture meters

Soil physical properties 0813

BT -Physical properties
Properties
Soil properties
NT Air void ratio
Relative consistency
Relative density
Soil density
Soil strength
Soil structure
Soil temperature
Soil texture
Void ratio
RT Bearing strength
Capillary action
Capillary tubes
Compaction
Compressibility
Compressible soils
Conductivity
Dry density
Dry weight
Earth materials
Fertility
Gradation
Grain shapes
Grain sizes
Heaving
Hydrologic properties
Infiltration
Mechanical analysis
Particle size
Percolation
Permeability
Plasticity
Pore pressure
Porosity
Shear strength
Soil analysis
Soil chemistry
Soil classifications
Soil disposal fields
Soil environment
Soil mechanics
Soil physics
Soil resistivity
Soils
Soil stabilization
Soil water movement
Trafficability
Uniformity coefficient
Vapor pressure
Wettability
Wet weight

Soil physics 0813

BT -Physics
RT Adsorbed water
Agricultural engineering
Earth materials
Morphology
Osmosis
Osmotic pressure
Soil aggregates
Soil amendments
Soil analysis
Soil chemistry
Soil components
Soil conservation
Soil density
Soil engineering
Soil erosion
Soil formation
Soil gases
Soil groups
Soil management
Soil mechanics

SOIL PROPERTIES

-Soil moisture
-Soil physical properties
Soil profiles
Soil properties
Soil resistivity
Soils
Soil stability
Soil stabilization
Soil strength
Soil structure
Soil surfaces
Soil surveys
Soil temperature
Soil texture
Soil types
Soil water
Soil water movement
Soil-water-plant relationships
Soil-water relationship
Visual classifications

Soil-plant-water relationships

USE Soil-water-plant relationships

Soil plasticity 0813

BT -Mechanical properties
Plasticity
RT Atterberg limits
Cohesive soils
Compressibility
Consistency
Index tests
Liquid limit
Plastic deformation
Plasticity index
Plastic limits
Soil classifications
Soil mechanics
Soil properties
Soils
Soil shrinkage
Soil tests

Soil pressure 0813

BT -Pressure
RT At rest pressure
Compaction
Earth dams
Earth pressure
Loads (forces)
Poisson ratio
Pore pressure
Pressure distribution
Rankine pressure
Retaining walls
Rock pressures
Soil mechanics
Soil properties
Soil stability
Stress
Uplift pressure

Soil profiles 0807

UF Soil sections
BT -Profiles
RT A horizon
B horizon
C horizon
Lenses (soils)
Logging (recording)
Logs
Penetration resistance
Soil chemical properties
Soil classifications
Soil horizons
Soil investigations
Soil maps
Soil physics
Soils
Soil science
Soil surveys
Soil types
Stratigraphy
Subsoil
Subsurface investigations
Subsurface mapping
Test pits
Topsoil
Weathering

Soil properties 0813

BT -Properties
NT -Atterberg limits
Liquid limit
Plasticity index
Plastic limits
Relative consistency
Relative density
Soil chemical properties

SOIL RECLAMATION

Soil properties (Con.)

Soil density
 -Soil physical properties
 Soil resistivity
 Soil stability
 Soil strength
 Soil structure
 Soil temperature
 Soil texture
 -Void ratio
 RT Acidity
 Alkalinity
 Angle of repose
 Bank stability
 -Biological properties
 Bulking
 Capillarity
 Cohesion
 Cohesive strength
 Compressibility
 Compressible soils
 Compression curves
 -Consistency
 Drainage effects
 Dry density
 Dry weight
 Dynamic stability
 -Earth materials
 Earth resistivity (electrical)
 Fertility
 Friction coefficient (mechanical)
 Gradation
 Grain shapes
 Grain sizes
 -Hydrologic properties
 Impervious soils
 Infiltration
 In place density
 Internal friction
 Irrigation effects
 -Mechanical properties
 Negative pore pressure
 Particle size
 Percolation
 Permeability
 -Plasticity
 Porosity
 Sensitivity
 Shear strength
 Soil analysis
 Soil chemistry
 Soil classifications
 Soil compression tests
 Soil consolidation tests
 Soil disposal fields
 Soil environment
 Soil investigations
 Soil mechanics
 Soil physics
 Soil plasticity
 Soil pressure
 -Soils
 Soil science
 Soil stabilization
 Soil suction
 -Soil tests
 Soil water movement
 Specific gravity
 Specific surface
 Specific weight
 Texture
 Trafficability
 Wettability
 Workability

Soil reclamation 0203

BT -Reclamation
 RT -Alkaline soils
 -Drainage
 -Irrigation
 Land reclamation
 Leaching
 Saline soils
 Soil conservation
 -Soil management
 Soil science
 Soil treatment

Soil resistivity 0813

BT -Resistivity
 -Soil properties
 RT -Boundaries (surfaces)
 Cathodic protection
 Corrosion currents
 Earth resistivity (electrical)
 Electrical resistivity
 Ground currents
 Soil chemical properties
 Soil investigations
 -Soil physical properties

Soil physics
 Underground corrosion

Soils 0807 0813

UF Earth (soil)
 Edaphology
 BT -Construction materials
 -Earth materials
 -Materials
 NT -Acidic soils
 Adobe
 -Aeolian soils
 -Alkaline soils
 Alkaline soils
 Anaerobic soils
 Aquatic soils
 Beach sands
 Bentonite
 Brown soils
 -Calcareous soils
 Caliche
 Chestnut soils
 Clay loam
 -Clays
 Cohesionless soils
 Cohesive soils
 -Colluvium
 Compacted soils
 Compressible soils
 Detrital soils
 Diatomaceous earth
 Dune sands
 -Expansive clays
 -Expansive soils
 -Finegrained soils
 -Frozen soils
 Glacial soils
 -Gravels
 Gray-brown podzolic soils
 Gumbo
 Hardpan
 Impervious soils
 Kaolin
 Lacustrine deposits
 Lake soils
 Laterites
 -Loams
 Loess
 Loose soils
 Marine clays
 Marl
 Mud
 Organic clays
 Organic silts
 -Organic soils
 Pea gravel
 Peat
 -Pervious soils
 -Podzols
 Prairie soils
 Preconsolidated soils
 Pumice
 Quick clays
 Quicksand
 Red podzolic soils
 Residual soils
 Rock flour
 -Sands
 Saturated soils
 Sierozems
 -Silt
 Silty loams
 Subsoil
 Talus
 Topsoil
 Unconsolidated soils
 Undisturbed soils
 Unsaturated soils
 Volcanic ash
 Yellow podzolic soils
 RT Agriculture
 Agronomy
 -Alluvial deposits
 Backfills
 Bank stability
 -Biology
 Borrow materials
 Canal linings
 Debris avalanches
 -Embankments
 -Geologic formations
 -Geology
 -Land
 Lime soil mixtures
 Mineral content
 -Natural resources
 Overburden
 Overconsolidation
 -Petrography

-Rocks
 -Sediments
 -Silicates
 Soil aggregates
 Soil asphalt
 Soil cement
 Soil chemical properties
 Soil chemistry
 Soil classifications
 Soil compaction
 Soil components
 Soil conservation
 Soil dynamics
 Soil engineering
 Soil environment
 Soil erosion
 -Soil groups
 -Soil horizons
 Soil investigations
 Soil liquefaction
 -Soil management
 Soil mechanics
 -Soil moisture
 Soil moisture movement
 -Soil physical properties
 Soil physics
 Soil plasticity
 Soil profiles
 -Soil properties
 -Soil samplers
 Soil science
 Soil shrinkage
 Soil stability
 Soil stabilization
 Soil structure
 -Soil tests
 Soil texture
 Soil treatment
 -Soil types
 Spoil
 -Stratification
 Terrestrial habitats
 Underconsolidation
 -Void ratio

Soil samplers 1402

BT -Samplers
 NT Denison samplers
 Drive samplers
 Piston samplers
 RT -Augers
 Disturbed samples
 Hand augers
 Remolded soil samples
 -Samples
 -Sampling
 Sediment samplers
 Sediment sampling
 Soil analysis
 Soil investigations
 -Soils
 -Soil tests
 Undisturbed samples

Soil science 0813

UF Pedological systems
 Pedology
 BT -Sciences
 RT Agronomy
 -Geology
 Mineralogy
 Soil chemical properties
 Soil chemistry
 Soil classifications
 Soil engineering
 Soil environment
 Soil formation
 -Soil groups
 -Soil horizons
 Soil investigations
 Soil maps
 Soil microbiology
 Soil profiles
 -Soil properties
 Soil reclamation
 -Soils
 Soil surfaces
 Soil surveys
 Soil texture
 -Soil types
 Soil-water relationship

Soil sealants 1101

BT -Sealants
 RT Cationic asphalt emulsions
 Chemical sealants
 Cutback asphalts
 -Seepage
 Seepage control

Seepage losses
 Soil asphalt
 Soil cement
 Soil chemistry
 Soil stabilization
 Soil treatment
 Soil water movement
 Surface sealing
 Waterproofing
 Watertight

Soil sections

USE Soil profiles

Soil shrinkage 0813

BT -Shrinkage
 RT Capillarity
 -Consolidation
 -Drying
 Negative pore pressure
 Soil plasticity
 -Soils
 -Water content

Soil stability 0813

BT -Soil properties
 -Stability
 RT Bank stability
 -Biological properties
 Dynamic stability
 -Failure (mechanics)
 -Landslides
 Neutral stress
 -Physical properties
 Quick clays
 Shear failure
 Slip-circle method
 -Slope stability
 Soil chemical properties
 Soil dynamics
 Soil erosion
 Soil liquefaction
 Soil mechanics
 Soil physics
 Soil pressure
 -Soils
 Soil stabilization
 Soil strength
 Soil structure
 Soil treatment
 -Stability analysis

Soil stabilization 0813

BT -Stabilization
 RT -Asphalt emulsions
 Bank stability
 Bank stabilization
 Blanket grouting
 Calcium chloride
 Chemical sealants
 Chrome lignins
 Cutback asphalts
 Densification
 Electroosmosis
 -Erosion control
 Impregnation
 Lime
 Lime soil mixtures
 -Retarding agents
 -Salts
 -Sealants
 -Slope stability
 Slope stabilization
 Sodium chloride
 Soil asphalt
 Soil cement
 Soil chemical properties
 Soil chemistry
 Soil compaction
 Soil conservation
 Soil erosion
 Soil mechanics
 -Soil moisture
 -Soil physical properties
 Soil physics
 -Soil properties
 -Soils
 Soil sealants
 Soil stability
 Soil strength
 Soil treatment
 Solidification

Soil sterilants 0606

BT -Chemicals
 -Pesticides
 -Poisons
 -Sterilants
 RT -Fumigants

THESAURUS OF TERMS

Soil sterilants (Con.)

- Nematodes
- Persistence
- Pest control
- Soil bacteria
- Soil-borne diseases
- Soil contamination
- Soil fungi
- Soil management
- Soil microorganisms
- Soil treatment

Soil strength 0813

- BT -Physical properties
- Properties
- Soil physical properties
- Soil properties
- Strength
- RT Cohesion
- Cohesive strength
- Effective stress
- Neutral stress
- Physical properties
- Pore pressure
- Shear strength
- Soil density
- Soil mechanics
- Soil physics
- Soil stability
- Soil stabilization
- Soil texture
- Strain rate

Soil structure 0807 0813

- UF Till
- BT -Physical properties
- Soil physical properties
- Soil properties
- Structure
- RT -Clay minerals
- Infiltration
- Moisture tension
- Morphology
- Percolation
- Pore pressure
- Porosity
- Soil aggregates
- Soil amendments
- Soil chemical properties
- Soil chemistry
- Soil compaction
- Soil density
- Soil environment
- Soil mechanics
- Soil physics
- Soils
- Soil stability
- Soil texture
- Soil types
- Void ratio
- Voids

Soil suction 0813

- BT -Suction
- RT Capillary action
- Cohesion
- Cohesive strength
- Moisture tension
- Negative pore pressure
- Negative pressure
- Soil properties
- Surface tension

Soil surfaces 0813

- BT -Surfaces
- RT Air-earth interfaces
- Earth-water interfaces
- Impact (rainfall)
- Infiltration
- Interception
- Mud-water interfaces
- Mulching
- Soil compaction
- Soil environment
- Soil physics
- Soil science
- Subsoil
- Surface sealing
- Topsoil
- Vegetation effects
- Vegetation establishment

Soil surveys 0807 0813

- BT -Surveys
- RT -Mapping
- Profiles
- Reconnaissance surveys
- Regions
- Site selection
- Soil horizons

- Soil investigations
- Soil management
- Soil maps
- Soil physics
- Soil profiles
- Soil science
- Soil types
- Soil-water-plant relationships

Soil temperature 0807

- BT -Soil physical properties
- Soil properties
- Temperature
- RT Microenvironment
- Soil environment
- Soil moisture
- Soil physics
- Soil water
- Soil-water-plant relationships

Soil testing

- USE Soil analysis

Soil tests 0813 1402

- BT -Materials tests
- Tests
- NT Index tests
- Soil compression tests
- Soil consolidation tests
- Untrained shear tests
- Vane shear tests
- RT Acceptance tests
- Analytical techniques
- Atterberg limits
- California bearing ratio
- Cohesion
- Cohesive strength
- Compaction tests
- Compression tests
- Disturbed samples
- Drained shear tests
- Dry density
- Earth materials
- Effective stress
- Field tests
- Filter tests
- Foreign tests
- Gradation analysis
- Impact tests
- In place density
- In situ tests
- Laboratory tests
- Mechanical analysis
- Model tests
- Mohr circle
- Mohr envelope
- Neutral stress
- Penetration resistance
- Penetration tests
- Pneumometers
- Permeability tests
- Physical properties
- Plasticity index
- Plastic limits
- Plate load tests
- Proctor curves
- Rapid compaction control
- Relative consistency
- Relative density
- Remolded soil samples
- Shear tests
- Soil analysis
- Soil classifications
- Soil engineering
- Soil investigations
- Soil mechanics
- Soil plasticity
- Soil properties
- Soils
- Soil samplers
- Static tests
- Test procedures
- Test specimens
- Triaxial tests
- Unconfined compression
- Undisturbed samples
- Void ratio

Soil texture 0807 0813

- BT -Soil physical properties
- Soil properties
- RT Clay loam
- Fine-textured soils
- Flocculation
- Gradation
- Grain shapes
- Grain sizes
- Impervious soils
- Infiltration

- Morphology
- Percolation
- Permeability
- Pervious soils
- Porosity
- Soil amendments
- Soil classifications
- Soil horizons
- Soil physics
- Soils
- Soil science
- Soil strength
- Soil structure
- Soil types
- Uniformity coefficient

Soil treatment 0813

- BT -Treatment
- RT Application equipment
- Application methods
- Calcium chloride
- Cultivation
- Fertilization
- Impregnation
- Lime soil mixtures
- Neutralization
- Pest control
- Pesticides
- Retarding agents
- Soil removal
- Slope stabilization
- Sodium chloride
- Soil amendments
- Soil asphalt
- Soil cement
- Soil compaction
- Soil contamination
- Soil dispersants
- Soil disposal fields
- Soil management
- Soil reclamation
- Soils
- Soil sealants
- Soil stability
- Soil stabilization
- Soil sterilants
- Solidification
- Wetting agents

Soil types 0807 0813

- Use of a more specific term is recommended

- NT -Acidic soils
- Aeolian soils
- Alkaline soils
- Alkali soils
- Alluvium
- Aquatic soils
- Azonal
- Beach sands
- Benionite
- Brown soils
- Calcareous soils
- Caliche
- Chestnut soils
- Clay loam
- Clays
- Cohesionless soils
- Cohesive soils
- Compacted soils
- Compressible soils
- Dune sands
- Expansive clays
- Expansive soils
- Fine-grained soils
- Fine-textured soils
- Forest soils
- Frozen soils
- Glacial soils
- Gravels
- Gray-brown podzolic soils
- Gumbo
- Hardpan
- Hydrosols (soils)
- Impervious soils
- Lake soils
- Laterites
- Loams
- Loess
- Marl
- Organic clays
- Organic silts
- Organic soils
- Paleosols
- Pea gravel
- Pedocals
- Permafrost
- Pervious soils
- Podzols

- Prarie soils
- Quick clays
- Quicksand
- Red podzolic soils
- Residual soils
- Rock flour
- Saline soils
- Sands
- Saturated soils
- Sierozems
- Silt
- Silty loams
- Topsoil
- Yellow podzolic soils

- RT Alpine
- Colluvium
- Deltas
- Eluvium
- Gravitational water
- Humus
- Infiltration
- Microenvironment
- Mud
- Peat
- Pedallers
- Soil classifications
- Soil environment
- Soil groups
- Soil horizons
- Soil investigations
- Soil maps
- Soil moisture
- Soil physics
- Soil profiles
- Soils
- Soil science
- Soil structure
- Soil surveys
- Soil texture
- Soil water
- Soil-water-plant relationships
- Tundra

Soil water 0807 0813

- (this term is nearly synonymous with soil moisture. consider also soil moisture)

- BT -Subsurface waters
- Water
- Water types
- NT -Capillary water
- Excess water (soils)
- Fringe water
- Hygroscopic water
- Vadose water
- RT Adsorbed water
- Aquifers
- Capillary pressure
- Diffusion
- Drainage effects
- Flowing
- Frost heaving
- Gravitational water
- Groundwater
- Hydrologic cycle
- Infiltration
- Leaching
- Lysimeters
- Microenvironment
- Moisture availability
- Moisture tension
- Outflows
- Percolation
- Permeability
- Pesticide kinetics
- Phreatic water
- Phreatophytes
- Pore water pressure
- Quicksand
- Retention
- Runoff
- Soil components
- Soil environment
- Soil management
- Soil moisture
- Soil moisture movement
- Soil physics
- Soil temperature
- Soil types
- Soil water movement
- Soil-water-plant relationships
- Soil-water relationship
- Soil water storage
- Storage capacity
- Subsurface moisture
- Surface waters
- Tensiometers
- Unsaturated soils
- Water utilization

SOIL WATER MOVEMENT

Soil water (Con.) -Zone of aeration

Soil water movement 0808.1

- BT -Flow
- Movement
- RT Capillarity
- Capillary action
- Capillary tubes
- Darcys law
- Diffusion
- Drainage
- Evaporation
- Evapotranspiration
- Flow patterns
- Frost action
- Frost heaving
- Groundwater movement
- Ice lenses
- Infiltration
- Infiltration capacity
- Infiltration rate
- Outflows
- Percolation
- Permeability
- Pervious soils
- Porosity
- Recharge
- Soil moisture
- Soil moisture movement
- Soil physical properties
- Soil physics
- Soil properties
- Soil sealants
- Soil water
- Soil-water relationship
- Soil water storage
- Stemflow
- Subsurface flow
- Subsurface runoff
- Transpiration
- Unsaturated flow
- Water table
- Zone of aeration

Soil-water-plant relationships 0204

- UF Plant-soil-water relationships
- Plant-water-soil relationships
- Soil-plant-water relationships
- Water-plant-soil relationships
- Water-soil-plant relationships
- RT Aeration
- Biology
- Drainage effects
- Irrigation effects
- Irrigation efficiency
- Irrigation practices
- Moisture
- Nutrient requirements
- Plant growth
- Root distribution
- Root systems
- Root zone
- Soil conservation
- Soil environment
- Soil gases
- Soil management
- Soil moisture
- Soil physics
- Soil surveys
- Soil temperature
- Soil types
- Soil water
- Stubble mulching
- Water conservation

Soil-water relationship 0808.1

- RT -Groundwater
- Irrigation
- Outflows
- Soil moisture
- Soil moisture movement
- Soil physics
- Soil science
- Soil water
- Soil water movement
- Soil water storage

Soil water storage 0808

- BT -Storage
- Water storage
- RT Bank storage
- Groundwater
- Pore size
- Soil conservation
- Soil moisture
- Soil water
- Soil water movement
- Soil-water relationship

Solanum tuberosum USE Potatoes

Solar activity USE Solar disturbances

Solar distillation 1302.5

- UF Humidification
- BT -Distillation
- Separation techniques
- RT Solar stills

Solar disturbances 0302

- UF Solar activity
- Sunspot
- BT -Disturbances
- RT Auroras
- Solar radiation
- Solar systems

Solar energy USE Solar radiation

Solar radiation 0302

- UF Solar energy
- BT -Radiation
- Transport phenomena
- RT Climatic changes
- Cosmic rays
- Electromagnetic waves
- Energy
- Evaporation
- Heat resistance (biological)
- Hydrologic cycle
- Infrared radiation
- Light
- Meteorology
- Radio waves
- Solar disturbances
- Solar systems
- Sun
- Ultraviolet radiation

Solar stills 1302.5

- BT -Equipment
- RT Desalination apparatus
- Solar distillation

Solar systems 0301

- RT Astronomy
- Planets
- Solar disturbances
- Solar radiation
- Sun

Soldering 1308

- RT Brazing
- Joints (connections)
- Tin alloys
- Welding
- Zinc alloys

Solid friction 2012

- BT -Friction
- Mechanical properties
- RT External friction
- Friction coefficient (mechanical)
- Internal friction

Solidification 0704

- RT Chemical stability
- Coagulation
- Crystallization
- Freezing
- Fusion
- Hardening
- Impregnation
- Latent heat
- Melting
- Retarding agents
- Setting (materials)
- Soil stabilization
- Soil treatment
- Solids
- Welds

Solids 0704

- RT -Fluids
- Gases
- Mechanical properties
- Physical properties
- Solidification
- Solid state physics
- Solid wastes
- Strength of materials

Solids contact process 1302.1

- BT -Treatment
- Waste treatment

- RT Activated carbon
- Activated sludge
- Adsorption
- Sewage treatment
- Tertiary treatment
- Trickling filters
- Waste water treatment

Solid state physics 2012

- UF Tunnel diodes
- BT -Physics
- RT Crystallography
- Diodes
- Electrical properties
- Mechanics
- Semiconductors
- Solids
- Superconductivity

Solid wastes 1302.1

- BT -Wastes
- NT Wood wastes
- RT Biodegradation
- Coagulation
- Incineration
- Organic matter
- Sludge
- Solids
- Ultimate disposal
- Waste dumps

Solifluction 0807

- UF Mud-glaciers
- BT -Erosion
- Mass wasting
- RT -Colluvium
- Debris avalanches

Solitary waves 2014

- BT -Waves

Solubility 0704

- BT -Chemical properties
- RT Aqueous solutions
- Chemical stability
- Concentration
- Crystallization
- Decomposition
- Dispersion
- Dissolved gases
- Dissolved oxygen
- Dissolved solids
- Immiscibility
- Leaching
- Mixing
- Mixtures
- Oxygenation
- Phase diagrams
- Physical properties
- Precipitation (chemistry)
- Rock properties
- Saturation
- Soluble salts
- Solutes
- Solutions
- Solvation
- Solvent extractions
- Solvents
- Thermal properties
- Thixotropy

Soluble rocks 0807

- BT -Rocks
- RT Caves
- Dolomite
- Gypsum
- Karst
- Limestone
- Rock properties
- Sinkholes
- Soluble salts

Soluble salts 0704

- BT -Chemical compounds
- Chemicals
- Salts
- RT -Alkaline soils
- Alkali soils
- Dissolved solids
- Gypsum
- Leaching
- Saline water
- Salt removal
- Soil components
- Solubility
- Soluble rocks
- Solutes
- Solvents

Solutes 0704

- NT -Dissolved gases
- Dissolved oxygen
- RT Aqueous solutions
- Solubility
- Soluble salts
- Solutions
- Solvents
- Wastes

Solutions 0704

- NT Aqueous solutions
- RT Brines
- Buffers (chemistry)
- Chemicals
- Dilution
- Dissolved gases
- Dissolved solids
- Liquid-vapor interfaces
- Physical chemistry
- Saline water
- Saturation
- Solubility
- Solutes
- Solvents

Solutions (aqueous) USE Aqueous solutions

Solvation 0701 0704

- BT -Chemical properties
- Chemical reactions
- RT Aqueous solutions
- Desalination
- Hydrolysis
- Solubility
- Water chemistry

Solvent extractions 0704

- BT -Separation
- Separation techniques
- RT Desalination processes
- Extraction
- Immiscibility
- Leaching
- Purification
- Salt removal
- Solubility
- Solvents
- Tertiary treatment

Solvents 1111

- NT Aromatic solvents
- RT -Additives
- Carriers
- Chemicals
- Cleaning
- Extraction
- Fluids
- Formulation
- Leaching
- Liquids
- Materials
- Naptha
- Oils
- Solubility
- Soluble salts
- Solutes
- Solutions
- Solvent extractions
- Water

Somateria mollissima USE Common elder duck

Sonar 1701

- RT -Acoustic equipment
- Depth recorders
- Detectors
- Navigation
- Noise (sound)
- Sounding
- Sound waves
- Underwater acoustics

Song birds 0603.2

- BT -Animals
- Birds
- Non-game birds
- Wildlife
- RT Animal groupings
- Bird types
- Migratory birds
- Non-migratory birds

Sonic pile driving 1315

- BT -Pile driving
- RT -Construction
- Construction methods

THESAURUS OF TERMS

Sonic pile driving (Con.)

- Foundations
- Pile foundations
- Piles (foundations)
- Vibratory pile driving

Sonic velocity tests 1402

- JT -Nondestructive tests
- Tests
- RT -Acoustics
- Inspection
- Materials tests
- Quality control
- Rock tests
- Sonoscopes
- Sound waves
- Ultrasonics
- Ultrasonic tests

Sonic waves

- USE Sound waves

Sonoscopes 1402

- BT -Equipment
- Instrumentation
- Measuring instruments
- Test equipment
- RT -Nondestructive tests
- Sonic velocity tests
- Ultrasonic tests

Sorghum 0204

- UF Forage sorghum
- Grain sorghum
- Sorghum vulgare
- BT -Agronomic crops
- Crops
- Field crops
- Grasses
- Monocots
- Plants (botany)
- RT -Cereal crops
- Forage grasses
- Grains (crops)
- Johnsongrass
- Silage
- Sudangrass

Sorghum halepense

- USE Johnsongrass

Sorghum sudanense

- USE Sudangrass

Sorghum vulgare

- USE Sorghum

Sorption 0704

- RT -Absorption
- Adsorption
- Chromatography
- Concentration
- Desorption
- Extraction
- Interfaces
- Separation
- Surface properties

Sound 2014

- RT -Acoustics
- Noise (sound)
- Psychological aspects
- Sound waves
- Telephones
- Underwater acoustics

Sounding 1402

- UF Depth finding
- Depth sounding
- Echo soundings
- BT -Detection
- RT -Acoustics
- Bathymetry
- Borings
- Depth
- Depth recorders
- Drill holes
- Drilling
- Exploration
- Fathometers
- Hydrography
- Hydrophones
- Lake morphometry
- Plumblines
- Probes (instruments)
- Reservoir surveys
- Seismic investigations
- Sensors
- Soil investigations
- Sonar

Subsurface investigations

- Subsurface mapping
- Surveying
- Surveys
- Test holes
- Test pits

Sound waves 2001

- UF Sonic waves
- BT -Elastic waves
- Mechanical waves
- Waves
- NT Cavitation noise
- RT -Acoustic equipment
- Acoustic insulation
- Acoustics
- Geophones
- Hydrophones
- Longitudinal waves
- Mach number
- Noise (sound)
- Reflection
- Resonance
- Seismic waves
- Shock waves
- Sonar
- Sonic velocity tests
- Sound
- Ultrasonics
- Underwater acoustics
- Vibration

South Carolina 0806

- BT -Coastal plains
- Geographical regions
- States (geographical)

South Dakota 0806

- BT -Corn belt
- Geographical regions
- States (geographical)
- RT Reclamation states

Soybeans 0204 0603.1

- UF Glycine max
- BT -Agronomic crops
- Crops
- Dicots
- Field crops
- Fruit crops
- Horticultural crops
- Legumes
- Oilseed crops
- Plants (botany)
- RT Beans
- Forage legumes
- Grains (crops)
- Silage

Space engineering 2203

- BT -Engineering
- RT -Civil engineering
- Mechanical engineering

Space frames 1313.5

- BT -Frames
- RT Continuous frames
- Rigid frames
- Structural analysis
- Structural design

Spacers 1305

- RT Bushings
- Fasteners
- Joints (connections)
- Mechanical fasteners
- Reinforcing steels
- Spacing

Spacing 1407

- RT Apertures
- Clearances
- Dimensions
- Isolation
- Separation
- Spacers
- Spans

Spalling 1407

- RT Crushing
- Deterioration
- Disintegration
- Fractures
- Fragmentation
- Rock breakage
- Staking
- Weathering

Spans 1313.5

- RT -Beams (structural)
- Bridges (structures)
- Buildings
- Columns
- Dimensions
- Distance
- Girders
- Length
- Loads (forces)
- Slabs
- Spacing
- Structural analysis
- Structural design
- Structural members
- Suspension bridges
- Width

Spare parts 1505

- RT -Maintenance
- Repairing

Spark gaps 2102

- RT Electric arcs
- Electric discharges
- Sparks

Sparks 2102

- RT Electric arcs
- Fires
- Lightning
- Spark gaps
- Welding

Spatial distribution 1407

- BT -Distribution
- RT Ecological distribution
- Migration patterns

Spalula clypeala

- USE Shoveler duck

Spawning 0603.2

- RT Fish establishment
- Fish reproduction
- Fry
- Life cycles
- Life expectancy
- Spawning channels

Spawning channels 1313.1

- BT -Channels
- RT Fish barriers
- Fish establishment
- Fish ladders
- Fish migration
- Fish passages
- Fish reproduction
- Spawning

Specialization 1407

- RT Diversification
- Employment
- Obsolescence
- Occupations

Specialty crops 0204

- BT -Crops
- Horticultural crops
- Plants (botany)
- NT Popcorn
- RT -Ornamentals
- Plant groupings

Speciation 0606

- RT Acclimatization
- Breeding
- Ecotypes
- Phylogeny
- Systematics
- Varieties

Specifications 1407

- UF Engineering specifications
- RT -Building materials
- Competitive bidding
- Concrete control
- Construction
- Construction control
- Construction materials
- Construction methods
- Construction practices
- Contract administration
- Contracting officers
- Contracts
- Criteria
- Design
- Design standards
- Equipment

SPECIFIC SURFACE

Field control

- Inspection
- Maintenance
- Materials
- Materials engineering
- Materials tests
- Mechanical properties
- Oxygen requirements
- Performance
- Performance tests
- Procurement
- Quality control
- Reliability
- Requirements
- Standards
- Supply contracts
- Tolerances (mechanics)
- Water requirements

Specific capacity 0808.1

- RT -Aquifers
- Aquifer tests
- Discharge (water)
- Drawdown
- Groundwater
- Pumping
- Water wells
- Wells

Specific costs 1401

- BT -Costs

Specific energy

- USE Specific head

Specific gravity 1407

- BT -Physical properties
- RT Bulk density
- Concrete properties
- Densimeters
- Density
- Dry density
- Dry weight
- Gravity
- Hydrometers
- Mass
- Rock density
- Soil properties
- Unit weight
- Void ratio
- Weight
- Wet weight

Specific head 2004

- UF Specific energy
- RT Depth
- Height
- Hydraulic jump
- Hydraulic pressure
- Hydraulics
- Momentum equation
- Physical properties
- Velocity head

Specific heat 0704

- BT -Physical properties
- Thermal properties
- RT Calorimeters
- Enthalpy
- Thermal capacity
- Thermal conductivity

Specific retention 0808.1

- UF Moisture equivalent
- BT -Hydrologic properties
- RT -Aquifers
- Capillary water
- Permeability
- Porosity
- Specific yield
- Water storage

Specific speed 1307.1

- RT -Hydraulic turbines
- Reaction turbines
- Reversible turbines
- Turbine runners

Specific surface 2012

- BT -Physical properties
- RT Area
- Gradation
- Grain shapes
- Grain sizes
- Particle size
- Porosity
- Soil properties
- Surfaces
- Void ratio

SPECIFIC WEIGHT

THESAURUS OF WATER RESOURCES TERMS

Specific weight 1407

- BT -Physical properties
- RT -Buoyancy
 - Density
 - Density-flow
 - Rock density
 - Soil properties
 - Volume

Specific yield 0808.1

- UF -Yield (specific)
- BT -Hydrologic properties
- RT -Aquifers
 - Diffusivity
 - Gravitational water
 - Groundwater sources
 - Percolation
 - Permeability
 - Porosity
 - Specific retention
 - Storage coefficient
 - Transmissivity
 - Water storage

Spectra 2006

- RT -Spectrometers
- Spectrometry
- Spectrum analysis

Spectrography

- USE Spectroscopy

Spectrometers 1402

- UF -Spectroscopes
- BT -Equipment
 - Instrumentation
 - Measuring instruments
- RT -Chemical analysis
 - Laboratory equipment
 - Optical instruments
 - Optical measurement
 - Photometers
 - Radiation detectors
 - Radiation measurement
 - Radiation measuring equipment
- Spectra
- Spectrometry
- Spectrophotometry
- Spectroscopy
- Spectrum analysis

Spectrometry 1402

- NT -Spectrophotometry
- RT -Chemical analysis
 - Colorimetry
 - Infrared spectroscopy
 - Optical instruments
 - Photometers
 - Qualitative analysis
 - Radiation measuring equipment
- Spectra
- Spectrometers
- Spectroscopy
- Spectrum analysis
- X-ray spectroscopy

Spectrophotometry 1402

- BT -Analytical techniques
- Photometry
- Spectrometry
- RT -Cameras
 - Chemical analysis
 - Color
 - Colorimetry
 - Flame photometry
 - Photometers
 - Radiometers
 - Spectrometers
 - Spectroscopy
 - Spectrum analysis

Spectroscopes

- USE Spectrometers

Spectroscopy 1402

- UF -Spectrography
- BT -Analytical techniques
- NT -Infrared spectroscopy
- X-ray spectroscopy
- RT -Chemical analysis
 - Colorimetry
 - Fluorescence
 - Neutron activation analysis
 - Optics
 - Qualitative analysis
 - Quantitative analysis
 - Remote sensing
 - Spectrometers
 - Spectrometry

- Spectrophotometry
- Spectrum analysis
- Volumetric analysis

Spectrum analysis 1402

- UF -Spectrum analyzers
- BT -Analysis
 - Frequency analyzers
 - Infrared spectroscopy
 - Interferometers
 - Nuclear magnetic resonance
 - Spectra
 - Spectrometers
 - Spectrometry
 - Spectrophotometry
 - Spectroscopy
 - X-ray spectroscopy

Spectrum analyzers

- USE Spectrum analysis

Speed

- USE Velocity

Speed regulators

- USE Governors

Sphaerotilus 0613

- BT -Aerobic bacteria
 - Aquatic bacteria
 - Aquatic life
 - Aquatic microorganisms
 - Aquatic plants
 - Bacteria
 - Microorganisms
 - Plants (botany)
 - Seston
- RT -Sewage bacteria

Sphagnum species

- USE Mosses

Spheres 1409

- BT -Geometric shapes
- RT -Circles (geometry)
 - Cones (mathematics)
 - Curved profiles
 - Geometry
 - Prisms
 - Shell structures

Spilling 1313.1

- RT -Floods
 - Floodways
 - Overflow
 - Spillways
 - Storage capacity

Spillway approach 1313.1

- RT -Approach channels
 - Dams
 - Debris barriers
 - Entrance channels
 - Entrances (fluid flow)
 - Guide walls
 - Spillway capacity
 - Spillway piers
 - Spillways
 - Training walls

Spillway capacity 1313.1

- RT -Approach channels
 - Backwater profiles
 - Critical depth
 - Dam crests
 - Dam failure
 - Dams
 - Flood control
 - Flood peaks
 - Floodways
 - Overflow
 - Peak discharge
 - Peak runoff
 - Spillway approach
 - Spillway design flood
 - Velocity

Spillway crests 1313.1

- UF -Crests (spillway)
- RT -Chute spillways
 - Closed conduit spillways
 - Design flow
 - Discharge (water)
 - Flow control
 - Free flow
 - Hydraulic design
 - Hydraulic gates
 - Hydraulics
 - Morning glory spillway

Nappe

- Ogee crests
- Overfalls
- Overflow
- Overtopping
- Shaft spillways
- Side channel spillways
- Spillways
- Water levels
- Waves (water)
- Weir crests
- Weirs

Spillway design flood 0808

- UF -Design flood (spillway)
- BT -Floods
 - Backwater profiles
 - Design flow
 - Discharge (water)
 - Flood hydrographs
 - Flood peaks
 - Floodways
 - Maximum probable flood
 - Overflow
 - Spillway capacity

Spillway gates 1313.7

- BT -Gates
 - Hydraulic gates
- RT -Chute spillways
 - Discharge (water)
 - Fixed wheel gates
 - Flow control
 - Fluid mechanics
 - Hoisting machinery
 - Radial gates
 - Roller gates
 - Sector gates
 - Spillways

Spillway piers 1313.1

- BT -Piers
 - Baffle piers
 - Bridge decks
 - Bridge piers
 - Check structures
 - Dams
 - Flashboards
 - Hydraulic engineering
 - Ogee crests
 - Outlets
 - Overflow
 - Spillway approach
 - Spillways
 - Stop logs
 - Training walls

Spillway profiles 1313.1

- RT -Backwater profiles
 - Dam crests
 - Geometric shapes
 - Hydraulic engineering
 - Hydraulic gradient
 - Ogee crests
 - Overflow
 - Velocity
 - Water surface
 - Water surface profiles
 - Weir crests
 - Weir gages

Spillways 1313.1

- BT -Hydraulic structures
 - Structures
- NT -Chute spillways
 - Closed conduit spillways
 - Morning glory spillway
 - Ogee crests
 - Shaft spillways
 - Side channel spillways
 - Ski-jump spillways
- RT -Abutments
 - Approach channels
 - Bellmouths
 - Bypasses
 - Chute blocks
 - Chutes
 - Concrete structures
 - Control structures
 - Dam construction
 - Dam design
 - Dams
 - Debris barriers
 - Dentated sills
 - Design flow
 - Discharge (water)
 - Diversion dams
 - Diversion structures
 - Diversion tunnels

Drum gates

- Earth dams
- Flashboards
- Flip buckets
- Floods
- Floodways
- Flow control
- Fluid flow
- Freeboard
- Free flow
- Gates
- Grassed waterways
- Guide walls
- Hydraulic gates
- Large structures
- Maximum probable flood
- Outlets
- Outlet works
- Overfalls
- Overflow
- Overtopping
- Plunge basins
- Radial gates
- Roller gates
- Self-spillway dams
- Spilling
- Spillway approach
- Spillway crests
- Spillway gates
- Spillway piers
- Shilling basins
- Training walls
- Wasteways
- Water control
- Water surface
- Water tunnels (conveyance)
- Weirs

Spinning reserve 1002.1

- RT -Electric generators
 - Electric power demand
 - Electric power production
 - Generating capacity
 - Hydroelectric power
 - Power loads

Spiral cases 1307.1

- UF -Scroll cases
- RT -Draft tubes
 - Francis turbines
 - Hydraulic machinery
 - Hydraulic turbines
 - Impellers
 - Kaplan turbines
 - Pumps
 - Pump turbines
 - Turbine parts
 - Turbines

Spirals 1201

- BT -Geometric shapes
- RT -Circles (geometry)
 - Curves
 - Envelopes
 - Geometry
 - Helixes
 - Horizontal curves

Spirochetatocides (pesticides)

- 0606
- BT -Chemicals
 - Pesticides
 - Poisons
- RT -Antibiotics (pesticides)

Splitting tensile strain

- USE Splitting tensile strength

Splitting tensile strength 2012

- UF -Splitting tensile strain
- Splitting tensile stress
- BT -Mechanical properties
 - Strength
 - Tensile properties
 - Tensile strength
- RT -Failure (mechanics)
 - Materials tests
 - Strength of materials
 - Tensile stress
 - Tension
 - Tension tests

Splitting tensile stress

- USE Splitting tensile strength

Spoil 1302 1315

- RT -Dredging
 - Earth materials
 - Excavation

THESAURUS OF TERMS

STAFF GAGES

Spoil (Con.)

- Mine wastes
- Mining
- Pit run materials
- Soils
- Spoil banks

Spoil banks 0809

- RT -Acidic soils
- Spoil
- Stockpiling
- Strip mines
- Vegetation establishment

Spores 0603.1

- RT -Bacteria
- Dispersion
- Dust
- Ferns
- Fungi
- Germination
- Palynology
- Pollen

Sport fish 0603.2

- BT -Animals
- Aquatic animals
- Aquatic life
- Fish
- Wildlife
- RT Animal groupings
- Bass
- Elasmobranchs
- Fish harvest
- Fishing
- Fish types
- Freshwater fish
- Lake fisheries
- Marine animals
- Pan fish
- Pikes
- Recreation
- Saline water fish
- Salmon
- Salmonids
- Sport fishing
- Surf-casting
- Trout
- Walleye

Sport fishing 0511

- BT -Fishing
- Recreation
- Water sports
- RT Bait fishing
- Cold-water fishing
- Fishing gear
- Fly fishing
- Freshwater fish
- Ice fishing
- Lake fisheries
- Marine fisheries
- Sport fish
- Stream fisheries
- Surf-casting
- Warm-water fishing

Spotlights

- USE Lighting equipment

Spots 0603.1

- (plant diseases)
- BT -Diseases
- Plant diseases
- RT -Environmental effects
- Epiphytology

Spotted bass

- USE Bass

Spot welders

- USE Spot welding

Spot welding 1305

- UF Spot welders
- BT -Welding
- RT -Joints (connections)
- Welded joints

Sprayers

- USE Spraying

Spraying 0701 1308

- UF Sprayers
- RT Aeration
- Aerosols
- Diffusion
- Dispersion
- Dusting
- Insect control

Jet diffusion

- Mixing
- Painting
- Paints
- Pest control
- Propagation
- Seal coal
- Sprays
- Sprinkling
- Wetting

Sprays 1309

- RT Aeration
- Application equipment
- Application methods
- Evaporation
- Foliar application
- Mist irrigation
- Pesticide drill
- Spraying
- Sprinkler irrigation

Spread footings 1313.6

- BT -Footings
- RT Flexible foundations
- Grillage footings
- Rigid foundations
- Slabs
- Spread foundations

Spread foundations 1313.6

- BT -Foundations
- RT Flexible foundations
- Footings
- Grillage footings
- Rigid foundations
- Slabs
- Spread footings

Spreading

- USE Water spreading

Spreading areas

- USE Spreading basins

Spreading basins 0808.1

- UF Spreading areas
- BT -Basins
- RT -Aquifers
- Artificial recharge
- Groundwater
- Groundwater recharge
- Infiltration
- Percolation
- Pit recharge
- Recharge
- Recharge wells
- Sewage treatment plants
- Sewage works
- Water conservation
- Water management (applied)
- Water spreading

Spring 0402

- BT -Seasons
- RT Seasonal

Springs (mechanical) 1309

- UF Mechanical springs
- RT Coils
- Compression
- Rebound
- Resilience
- Suspension
- Tension
- Vibration
- Vibration damping
- Winding (mechanical)

Springs (water) 0808

- BT -Bodies of water
- Running waters
- NT Cold springs
- Geysers
- Hot springs
- Lake bottom springs
- Thermal springs
- Warm springs
- RT Aquicludes
- Aquifers
- Artesian aquifers
- Artesian water
- Artesian wells
- Confined water
- Discharge (water)
- Fresh water
- Galleries
- Groundwater
- Groundwater flow

Groundwater geology

- Groundwater movement
- Hydraulic gradient
- Hydrogeology
- Intermittent streams
- Mineral water
- Phreatic water
- Quicksand
- Saturation zones
- Seepage
- Spring waters
- Streams
- Subsurface waters
- Two-part aquifers
- Vertical drains
- Water
- Water holes
- Water table
- Water wells
- Wells

Spring waters 0808

- BT -Water types
- RT -Springs (water)
- Water sources

Sprinkler Irrigation 0203.1

- BT -Gravity irrigation
- Irrigation
- Irrigation systems
- RT Crop production
- Demand (irrigation systems)
- Evaporation
- Golf courses
- Irrigation practices
- Lawns
- Pipes
- Pumps
- Rainfall simulators
- Sprays
- Sprinkling
- Surface irrigation

Sprinklers

- USE Sprinkling

Sprinkling 1308

- UF Sprinklers
- RT Frost protection
- Spraying
- Sprinkler irrigation
- Wetting

Squalls 0402

- BT -Wind (meteorology)
- RT -Precipitation (atmospheric)
- Storms

Stability 1407

- NT Bank stability
- Chemical stability
- Dam stability
- Dynamic stability
- Electrical stability
- Materials stability
- Rock slope stability
- Seismic stability
- Slope stability
- Soil stability
- Structural stability
- Transient stability
- RT Amplification
- Angle of repose
- Bearing capacity
- Bearing strength
- Chemical properties
- Compatibility
- Consolidation
- Damping
- Decomposition
- Degradation (decomposition)
- Durability
- Dynamic response
- Equilibrium
- Erosion
- Failure (mechanics)
- Fluctuation
- Formulation
- Foundations
- Guide vanes
- Life expectancy
- Mechanical properties
- Natural frequency
- Physical properties
- Plasticity
- Regimen
- Reinforcement
- Reliability
- Resistance

Safety factors

- Shear failure
- Shear strength
- Slip planes
- Slopes
- Slope stabilization
- Stability analysis
- Stabilization
- Strength
- Tolerances (mechanics)
- Transients
- Volatality
- Vulnerability

Stability analysis 0813

- BT -Analysis
- NT Slip-circle method
- RT Angle of repose
- Bank stability
- Critical slopes
- Cut slopes
- Dam design
- Dam stability
- Dynamic stability
- Earth dams
- Earthworks
- Embankments
- Landslides
- Rockslides
- Rock slope stability
- Safety factors
- Seismic stability
- Sliding resistance
- Slip planes
- Slip surface
- Slope angles
- Slopes
- Slope stability
- Soil mechanics
- Soil stability
- Stability
- Structural analysis
- Structural stability

Stabilization 1407

- NT Bank stabilization
- Slope stabilization
- Soil stabilization
- Stream stabilization
- RT Armoring (streambed)
- Consolidation
- Control
- Dynamic stability
- Equilibrium
- Frequency stabilizers
- Inhibition
- Neutralization
- Oxidation lagoons
- Reinforcement
- Stability
- Stress relieving
- Vibration damping

Stabilization ponds

- USE Oxidation lagoons

Stable channels 1302

- UF Channels (stable)
- BT -Channels
- RT Bank protection
- Bed load
- Channel design
- Channel improvements
- Deposition
- Gabions
- Groins (structures)
- Jacks (structural shape)
- Regime theory
- River regulation
- River training
- Sediments
- Tractive forces

Stable isotopes 1802

- UF Isotopes (stable)
- BT -Isotopes
- RT -Chemical elements
- Chemicals
- Radioisotopes
- Tracers

Staff gages 1402

- BT -Equipment
- Gages
- Hydrologic instruments
- Instrumentation
- Measuring instruments
- RT Cipolletti weirs
- Metergates

STAGE-DISCHARGE RELATIONS

THESAURUS OF WATER RESOURCES TERMS

Staff gages (Con.)

Rectangular weirs
Stream gages
Vee-notched weirs
Weir gages
Weir ponds
-Weirs

Stage-discharge relations 0808

RT -Channels
-Discharge (water)
Discharge coefficients
-Gages
River forecasting
-Streamflow
-Water levels

Stages (lake)

USE Lake stages

Stages (reservoir)

USE Reservoir stages

Stages (water)

USE Water levels

Stages of growth

USE Growth stages

Stagnant water 0808

BT -Water types
RT Anaerobic conditions
Dystrophy
Eutrophication
Hypolimnion
-Marshes
-Organic matter
-Swamps
Water pollution effects
-Wetlands

Stainless steel 1106

BT -Alloys
-Construction materials
-Iron alloys
-Metals
-Steel
RT Chromium alloys
-Corrosion control
-Equipment
Low alloy steels
Low carbon steel
Metallurgy
Metal pipes
Nickel alloys
Trashracks

Stains 1103

RT Color
-Damages
-Dyes
Painting
-Penetration
-Pigments

Stairs 1313.4

RT -Buildings
Ladders

Standard deviation 1201

RT Correlation
Errors
Estimating
Homogeneity
-Quality control
-Statistical analysis
Statistics
Variability
Variation coefficients

Standard project flood

USE Design flood

Standards 1407

NT Building codes
-Codes
Design standards
Water quality standards
RT Acceptability
Accuracy
-Administration
-Contract administration
Contracting officers
-Control
-Criteria
-Governments
Industrial engineering
Industrial production
-Inspection
-Instrumentation

-Materials
-Materials tests
-Methodology
-Operations
Performance
Performance tests
Production control
-Professional personnel
-Quality control
-Regulations
Reliability
Specifications
Supply contracts
Tolerances (mechanics)
Variability
-Water pollution
-Water quality
-Water utilization

Standby generators

USE Standby power

Standby power 1002

UF Standby generators
BT -Electric power
-Power
RT Electric networks
Electric power demand
-Electric power production
Electric power rates
Hydroelectric power

Standing crop 0204

BT -Crops
-Plants (botany)
RT Biomass
-Census
Crop production
Food abundance
-Harvesting
-Plankton
-Population
-Productivity
Trophic level

Standing surge

USE Hydraulic jump

Standing waters 0808

BT -Bodies of water
NT Afterbays
Detention reservoirs
Equalizing reservoirs
Evaporation reservoirs
Farm ponds
Forebays
Great ponds
Iced lakes
-Lakes
Multiple purpose reservoirs
Playa lakes
-Ponds
-Reservoirs
Sagponds
Saline lakes
Stock ponds
Strip mine lakes
Waste stabilization ponds
RT Lentic environments
-Marshes
-Running waters
-Surface waters
-Swamps
-Water types
-Wetlands

Standing waves 2014

UF Stationary waves
BT -Waves
RT Bore (wave)
Celerity
-Critical flow
Froude number
Harmonics
Hydraulic jump
Natural frequency
Nodes
-Vibration
Wave period
-Waves (water)

Standpipes 1313.5

RT Cylinders
-Hydraulic structures
-Pressure
Storage tanks
Water distribution (applied)
-Water tanks

Stars 0301

BT -Astronomical bodies
NT Sun
RT Astronomy

State governments 0504

BT -Governments
RT Administrative agencies
Civil service
Federal agencies
Federal-state cooperation
Government employees
Interstate
-Licenses
-Organizations
-Permits
Political aspects
-Social aspects
State jurisdiction
-States (geographical)
United states government
Water resources development

State jurisdiction 0504

BT -Jurisdiction
RT Federal jurisdiction
Federal-state water rights conflicts
Reservation doctrine
State governments
United states government
Water quality standards
-Water rights

State of the art studies

USE Reviews

States (geographical) 0504

NT Alabama
Alaska
Arizona
Arkansas
California
Colorado
Connecticut
Delaware
Florida
Georgia
Hawaii
Idaho
Illinois
Indiana
Iowa
Kansas
Kentucky
Louisiana
Maine
Maryland
Massachusetts
Michigan
Minnesota
Mississippi
Missouri
Montana
Nebraska
Nevada
New Hampshire
New Jersey
New Mexico
New York
North Carolina
North Dakota
Ohio
Oklahoma
Oregon
Pennsylvania
Rhode Island
South Carolina
South Dakota
Tennessee
Texas
Utah
Vermont
Virginia
Washington
West Virginia
Wisconsin
Wyoming
RT Federal agencies
Federal-state cooperation
State governments
Water plans

Static electricity 2003

RT Atmospheric
Electric coronas
-Electric discharges
Electric fields
-Electric potential

Electrostatics

Lightning

Static loads

USE Dead loads

Static properties

USE Statics

Statics 2011

UF Static properties
BT -Mechanics
-Physics
NT Hydrostatics
RT -Dynamics
-Engineering mechanics
Equilibrium
Graphical analysis
-Loads (forces)
Mass
-Moments
Moments of inertia
Static tests
-Strain
-Stress
-Structural analysis

Static tests 1402

BT -Tests
RT -Compression tests
-Dynamic tests
Fatigue tests
Hardness tests
Laboratory tests
Loading tests
-Loads (forces)
-Materials tests
-Metal tests
Model tests
-Nondestructive tests
-Quality control
Rock tests
-Shear tests
-Soil tests
-Statics
Strength of materials
Tension tests
Test piles
Tolerances (mechanics)

Stationary waves

USE Standing waves

Stations 1407

NT -Gaging stations
-Hydrometeorological station
Stream gaging station
Weather stations
RT Data collections
-Facilities
-Instrumentation
International hydrological decade
-Networks
Position finding
Ranges (distance)
-Sites
Synoptic analysis

Statistical analysis 1201

UF Statistical methods
Statistical tests
BT -Analysis
-Mathematical analysis
NT Correlation analysis
Frequency analysis
Histograms
Multiple regression
-Regression analysis
Sequential analysis
Time series analysis
RT -Charts
-Coefficients
Computer applications
Correlation
Correlation techniques
Data reduction
-Dynamic tests
-Forecasting
Frequency distribution
Graphical analysis
Least squares method
-Mathematical studies
-Mathematics
Mean diameter
Median diameter
-Methodology
Normalizing
Probability
-Quality control

THESAURUS OF TERMS

Statistical Analysis (Con.)

Queueing theory
Reliability
Reproducibility
-Sampling
Standard deviation
-Statistical models
-Stochastic processes
Surveys (data collection)
Systems analysis
Vector analysis

Statistical methods
USE Statistical analysis

Statistical models 1201

BT -Mathematical models
-Models
-Model studies
NT Stochastic models
RT -Coefficients
Game theory
Markov processes
-Mathematics
Monte carlo method
Multiple regression
-Operations research
Probability theory
Queueing theory
-Regression analysis
-Statistical analysis
-Stochastic processes
Systems analysis

Statistical quality control 1308

BT -Control
-Quality control
RT -Inspection
Multiple regression
Variability

Statistical tests

USE Statistical analysis

Statistics 1201

BT -Mathematics
RT -Census
-Coefficients
Data collections
-Data processing
Experimental data
Gaussian distribution
Least squares method
Mathematical tables
-Measurement
-Sampling
Standard deviation
-Tables (data)

Stators 1307.1

BT -Equipment
RT Blades
-Electrical equipment
-Electric generators
-Electric motors
Flow deflectors
Guide vanes
Induction motors
Rotating components
-Rotors
-Turbines
Turbine wheels
-Vaness

Stay cables

USE Stay lines

Stay lines 1313.5

UF Cables (stay)
Guy lines
Stay cables
Stay ropes
RT Anchored bulkheads
Anchored towers
Guyed towers
-Wire

Stay rings 1307.1

BT -Rings
RT Flow distribution
Francis turbines
-Hydraulic machinery
-Hydraulic turbines
Kaplan turbines
-Pump turbines
Stay vanes
Turbine parts
-Turbines

Stay ropes

USE Stay lines

Stay vanes 1307.1

BT -Vaness
RT Flow distribution
Francis turbines
-Hydraulic machinery
-Hydraulic turbines
Kaplan turbines
-Pump turbines
Stay rings
Turbine parts
-Turbines

Steady flow 2004

BT -Flow
-Fluid flow
-Movement
RT -Critical flow
Flow patterns
-Fluid dynamics
Fluid friction
Gradually varied flow
Heat transmission
-Hydraulics
Laminar flow
Moody resistance diagrams
Orifice flow
Pipe flow
Reynolds number
Subcritical flow
Transient flow
Turbulence
Turbulent flow
Two-phase flow
Uniform flow
-Unsteady flow

Steam D704

RT Boilers
-Condensation
-Electric power
Geysers
Heated water
-Hot springs
Hydroelectric powerplants
Steam curing
Steam tables
Steam turbines
Thermal energy
Thermal power
Thermal powerplants
-Thermal springs
Thermal water
-Water types
-Water vapor

Steam curing 1308

BT -Curing
RT Autoclaves
-Concrete technology
-Hardening
Precast concrete
Setting (materials)
Steam

Steam plants

USE Thermal powerplants

Steam power

USE Thermal power

Steam powerplants

USE Thermal powerplants

Steam shovels

USE Earth handling equipment

Steam tables 2013

UF Charts (mollier)
BT -Tables (data)
RT Data collections
Enthalpy
Entropy
-Heat
Steam
-Thermodynamics

Steam turbines 1307

BT -Turbines
RT Axial flow
Bollers
-Electric power
-Hydraulic turbines
Steam
Thermal energy
Thermal power
Thermal powerplants

Turbine efficiency
Turbogenerators

Steel 1106

BT -Construction materials
-Iron alloys
-Materials
-Metals
NT Carbon steels
Cast steel
Cold-rolled steel
High strength steels
Low alloy steels
Low carbon steel
Prestressed steel
-Reinforcing steels
Stainless steel
Structural steel
RT Blast furnaces
Carbon alloys
Cast iron
Chromium
Chromium alloys
Cobalt alloys
Composite beams
Composite structures
-Engineering structures
Ferrites
High-bond reinforcing bars
-Iron
Manganese alloys
Metallurgy
Metal pipes
Molybdenum alloys
Nickel alloys
-Rods
Steel industries
Steel piles
-Steel plates
Steel structures
Trashracks
Tungsten alloys
Vanadium alloys
Welded joints
-Welding

Steelhead trout

USE Rainbow trout

Steel industries 1106

UF Steel mills
Steel plants
BT -Industries
RT Blast furnaces
Cast iron
-Steel

Steel linings 1107

BT -Linings
RT Rigid linings
-Steel plates
Tunnel design
Tunnel hydraulics
Tunnel linings
Underground powerplants
-Underground structures

Steel mills

USE Steel industries

Steel piles 1313.6

BT -Piles (foundations)
RT Batter piles
Bearing piles
-Concrete piles
-Foundations
Friction piles
Pile bearing capacities
Pile caps
-Pile driving
Pile foundations
Pile friction
Sheet piling
-Steel
Wooden piles

Steel pipes 1311

BT -Closed conduits
-Conduits
-Conveyance structures
-Hydraulic structures
-Pipes
RT -Bends (hydraulic)
Cold-rolled steel
-Conveyance structures
Ducts
High strength steels
Penstocks
Pipe bends

Pipe fittings
-Pipelines
Pressure pipes
Rigid pipes
Stress relieving
Tees
Well casings
Well screens

Steel plants

USE Steel industries

Steel plates 1106

BT -Plates
NT Gusset plates
RT -Bars
Bolted joints
Cold-rolled steel
Dam facings
Fabrication
Flat plates
Liner plates
Plate girders
Riveted joints
Riveting
-Steel
Steel linings
Steel structures
-Structural members
Structural shapes
Thick plates
Thin plates
Welded joints

Steel structures 1313.5

BT -Engineering structures
-Structures
RT -Bars
Bolted joints
-Bridges (structures)
-Buildings
Cantilevers
Composite structures
Continuous frames
-Continuous structures
Continuous trusses
Erection
High strength steels
Posttensioning
-Prestressing
Riveted joints
Riveting
Silos
-Steel
-Steel plates
Stiffeners
-Structural design
Structural steel
Transmission towers
Welded joints
-Welding

Stellers eider duck 0603.2

UF Eider (stellers)
Polystictia stelleri
BT -Animals
-Aquatic life
-Birds
-Ducks (wild)
-Migratory birds
-Waterfowl
-Wildlife

Stemflow 0603.1

RT Canopy
-Flow
Foliar
Interception
-Plants (botany)
-Rainfall
Soil water movement
Throughfall

Step-downs 1313.1

RT -Concrete structures
Stream improvement

Steppes

USE Grasslands

Stereoscopes 1405

UF Instruments (stereoscopic)
Stereoscopic instruments
BT -Instrumentation
-Optical instruments
RT Aerial photography
Photogrammetry
-Photographic equipment
Photointerpretation

USE = Use preferred term; UF = Used for; BT = Broader term; NT = Narrower term; RT = Related term.

STEREOSCOPIC MAP PLOTTERS

Stereoscopes (Con.)

Stereoscopic map plotters
Stereoscopic photography

Stereoscopic instruments

USE Stereoscopes

Stereoscopic mapping

USE Stereoscopic map plotters

Stereoscopic map plotters 1405

UF Stereoscopic mapping
RT Aerial photography
Photogrammetry
-Photographic equipment
Stereoscopes
Stereoscopic photography

Stereoscopic photography 1405

RT Aerial photography
Color photography
Photogrammetry
Stereoscopes
Stereoscopic map plotters

Sterilants 0603

UF Chemosterilants
NT Fish sterilants
Soil sterilants
RT Chemcontrol
-Fumigants
Gametocides
Insect control
Ovicides
-Pest control
-Pesticides
-Poisons
-Reproduction (biology)
Sterility
Translocation

Sterility 0616

RT Fertility
-Genetics
Plant breeding
-Reproduction (biology)
-Sterilants

Sticklebacks 0603.2

UF Apelles species
Eucalia species
Gasterosteus species
Pungitius species
BT -Animals
-Aquatic animals
-Aquatic life
-Fish
-Wildlife
RT -Freshwater fish
-Marine fish

Stiffeners 1313

RT -Bracing
Penstocks
-Reinforcement
Ribs
-Rings
Roof supports
-Shell structures
Steel structures

Stiffening 1308

RT -Bracing
Contraction
-Hardening
-Reinforcement
Ribs

Stiffness 2012

BT -Mechanical properties
RT -Consistency
-Deformation
Flexibility
Flexural strength
Moment distribution
Moments of inertia
Relative consistency
Rigidity
Stiffness matrix
-Tensile properties
Thixotropy

Stiffness matrix 1313.5

RT Matrix algebra
Matrix methods (structural)
Stiffness
-Structural analysis

Stilling basins 1313.1

BT -Basins

-Hydraulic structures
RT Baffle piers
Chute blocks
Chute spillways
Closed conduit spillways
-Concrete structures
Critical depth
Dentated sills
-Energy dissipation
Flip buckets
-Flow
Guide walls
Hydraulic engineering
Hydraulic jump
Jet diffusion
Morning glory spillway
-Outlet works
Roll waves
Shaft spillways
Side channel spillways
Ski-jump spillways
Slag flow
-Spillways

Stilling wells 1402

RT Automation
-Damping
Discharge measurement
Float wells
Flow measurement
-Hydraulic models
-Hydraulic structures
Liquid level gages
Stream gaging station
Water level fluctuations
-Water levels
-Water measurement
Water stage recorders
-Weirs

Stinging nettles 0603.1

UF Nettles (stinging)
BT -Crops
-Dicots
-Horticultural crops
-Plants (botany)
-Weeds

Stirrups 1313.5

BT -Reinforcement
RT -Bars
-Beams (structural)
Columns
-Concrete
-Construction materials
-Engineering structures
Reinforced concrete
-Reinforcing materials
-Reinforcing steels

Stizostedion canadense

USE Sauger

Stizostedion vitreum vitreum

USE Walleye

Stochastic hydrology

USE Synthetic hydrology

Stochastic models 1201

BT -Mathematical models
-Models
-Statistical models
RT -Constraints
Linear programming
-Operations research
Probability
-Stochastic processes

Stochastic processes 1201

UF Random processes
NT Markov processes
RT -Mathematical models
Monte carlo method
-Operations research
Probability theory
Queueing theory
-Statistical analysis
-Statistical models
Stochastic models
Synthetic hydrology
Time series analysis

Stocking 0603.2

UF Fully stocked
Overstocked
Understocked
NT Fish stocking

Stockpiling 1315

RT -Earthfill
-Earthworks
-Fills
Logistics
Spoil banks
-Storage

Stock ponds 0808

BT -Bodies of water
-Ponds
-Standing waters
-Surface waters
RT Farm lagoons
Farm ponds
Impounded waters
Stock water
-Water storage

Stock water 0205

UF Livestock water
BT -Water types
RT Artificial use
Beneficial use
Farm ponds
Natural use
-Prior appropriation
Reasonable use
-Reservoirs
-Riparian rights
Stock ponds
Water allocation (policy)
Water consumption
Water harvesting

Stokes law 2004

RT -Density
Deposition
Flow around objects
Particle size
Sedimentation rates
Settling velocity
Viscosity

Stomata 0603.1

RT Biorhythms
Diurnal
Epidermis
-Evapotranspiration
Leaves
Moisture deficit
Photosynthesis
Plant physiology
Pores
Respiration
Transpiration
Transpiration control

Stonflies 0603.2

UF Plecoptera
BT -Animals
-Aquatic animals
-Aquatic insects
-Aquatic life
-Insects
-Invertebrates

Stone fruits 0204 0603.1

UF Prunus species
BT -Crops
-Dicots
-Fruit crops
-Horticultural crops
-Plants (botany)
NT Apples
Blueberries
-Citrus fruits
Grapefruit
Hickory trees
Lemons
Limes
Macadamia
Melons
Oranges
Peaches
Peanuts
Pecans
-Pome fruits
Strawberries
-Vine crops
RT Plant groupings

Stones 1303

BT -Building materials
-Construction materials
RT -Aggregates
Boulders
Coarse aggregates
Concrete masonry

THESAURUS OF WATER RESOURCES TERMS

-Concrete
Cyclopean concrete
-Masonry
Masonry dams
Monoliths
Quarries
Riprap
-Rocks
Rubble
Rubble masonry
Rubble mounds

Stoney gates 1313.7

BT -Gates
-Hydraulic gates
RT Floodgates
Roller-mounted gates

Stooling

USE Vegetation regrowth

Stopes 0809

RT -Drill
Drill mining
-Excavation
-Mines
-Mining
Shalls (mining)
Underground openings

Stop logs 1313.7

RT Emergency closures
-Equipment
Flashboards
-Hydraulic gates
-Maintenance
Repairing
Slois
Spillway piers

Storage 1407

Use of a more specific term is recommended
UF Detention
NT Bank storage
Data storage
Dead storage
Depression storage
Pumped storage
Reservoir storage
Soil water storage
Underground storage
Underground water storage
Usable storage
Waste storage
-Water storage
RT Bins
Concrete tanks
-Containers
-Degradation
-Disposal
-Excavation
-Explosives
Obsolete equipment
Preservation
-Pumping
-Quality control
-Reservoirs
Retention
Retention dams
-Safety
Silos
Stockpiling
Storage capacity
Storage tanks
-Tanks (containers)
Warehouses
-Waste disposal

Storage batteries

USE Electric batteries

Storage capacity 0808.1

RT Infiltration
Porosity
-Soil water
Spilling
-Storage
Storage coefficient
Surcharge
-Water storage

Storage coefficient 0808.1

BT -Coefficients
RT -Aquifers
Diffusivity
Natural recharge
Porosity
Rainfall-runoff relationships

THESAURUS OF TERMS

Storage coefficient (Con.)

- Rates
- Specific yield
- Storage capacity
- Theis equation
- Transmissivity
- Water storage
- Water wells

Storage reservoirs

USE Reservoir storage

Storage tanks 1304

- BT -Containers
- Tanks (containers)
- RT Cylinders
- Hydraulic structures
- Sedimentation tanks
- Standpipes
- Storage
- Underground storage
- Vessels
- Water storage

Storm drains 0808.1

- BT -Drains
- RT Cities
- Conduits
- Drainage systems
- Drain tiles
- Horizontal drains
- Intakes
- Municipalities
- Pipes
- Sewers
- Storm runoff
- Subsurface drainage
- Surface runoff
- Urbanization

Stormflow

USE Storm runoff

Storm runoff 0808

- UF Direct runoff
- Stormflow
- BT -Runoff
- RT Cloudbursts
- Effective precipitation
- Flood frequency
- Flood hydrology
- Flood plain regulation
- Flood plain studies
- Floods
- Flood stages
- Overland flow
- Snowmelt
- Storm drains
- Storms
- Storm structure
- Streams
- Surface runoff
- Unit hydrographs
- Urbanization
- Washouts

Storms 0402

- NT Artificial storms
- Blizzards
- Cloudbursts
- Design storm
- Dust storms
- Extratropical cyclones
- Hurricanes
- Snowstorms
- Thunderstorms
- Tornadoes
- Tropical cyclones
- Typhoons
- RT -Air masses
- Atmosphere
- Atmospheric motion
- Climatology
- Cloud physics
- Damages
- Disasters
- Disturbances
- Erosion
- Flood frequency
- Flood hydrology
- Floods
- Fronts (atmospheric)
- Gusts
- Hail
- Hydrographs
- Ice
- Intensity
- Lightning
- Meteorology
- Microenvironment

- Precipitation (atmospheric)
- Rain
- Rainfall
- Runoff
- Steel
- Snow
- Squalls
- Storm runoff
- Storm structure
- Turbulence
- Weather
- Weather modification
- Weather patterns
- Wind (meteorology)

Storm seepage

USE Subsurface runoff

Storm structure 0402

- BT -Structure
- RT Artificial storms
- Cloud physics
- Dust storms
- Lightning
- Meteorology
- Runoff forecasting
- Storm runoff
- Storms
- Thunderstorms

Strain 2012

- NT Axial strain
- Normal strain
- Shear strain
- Tangential strain
- RT -Axial tension
- Compression
- Consolidation
- Contraction
- Creep
- Deflection
- Deformation
- Displacements
- Distortion (structural)
- Elastic deformation
- Elastic limit
- Expansion
- Fatigue tests
- Loads (forces)
- Mechanical properties
- Normal stress
- Plastic deformation
- Plastic theory
- Poisson ratio
- Residual stress
- Rupture modulus
- Sagging
- Settlement (structural)
- Shrinkage
- Statics
- Strain energy
- Strain gages
- Strain hardening
- Strain measurement
- Strain meters
- Strain rate
- Stress
- Stress analysis
- Stress concentration
- Stress distribution
- Stress relaxation
- Stress-strain curves
- Structural analysis
- Swelling
- Tensile properties
- Tension
- Tension tests
- Torsion
- Triaxial compression
- Triaxial loads
- Triaxial stress
- Triaxial tension
- Volume change
- Yield point
- Yield strength

Strain energy 2012

- BT -Energy
- RT -Deformation
- Elastic deformation
- Elastic theory
- Mechanical properties
- Strain
- Stress
- Stress relaxation
- Stress relieving

Strain gages 1402

BT -Equipment

- Gages
- Measuring instruments
- Test equipment
- NT Extensometers
- RT Axial strain
- Dial gages
- Instrumentation
- Measurement
- Normal strain
- Shear strain
- Strain
- Strain measurement
- Strain meters
- Strain rate
- Structural behavior
- Transducers

Strain hardening 1308

- BT -Hardening
- RT Residual stress
- Strain
- Stress relieving

Strain measurement 1402

- BT -Measurement
- RT Axial strain
- Extensometers
- Instrumentation
- Materials tests
- Measuring instruments
- Normal strain
- Sensors
- Strain
- Strain gages
- Strain meters
- Strain rate
- Structural behavior

Strain meters 1402

- BT -Instrumentation
- Measuring instruments
- Meters
- RT Extensometers
- Materials tests
- Normal strain
- Strain
- Strain gages
- Strain measurement
- Strain rate
- Structural behavior

Strain rate 2012

- BT -Rates
- RT Axial strain
- Experimental data
- Loading rate
- Loads (forces)
- Materials tests
- Normal strain
- Shear tests
- Soil strength
- Strain
- Strain gages
- Strain measurement
- Strain meters
- Stress-strain curves

Stranded conductors 0901

- RT Bundled conductors
- Bus (electrical)
- Electric cables
- Electric conductors
- Electric wire
- Power cables
- Transmission lines

Straps 1305

- RT -Anchors
- Bracing
- Clamps
- Fasteners
- Mechanical fasteners

Strata 0807

- RT Aquicludes
- Beds (geology)
- Geologic formations
- Geology
- Lenses (soils)
- Profiles
- Sedimentary rocks
- Soil horizons
- Stratification
- Stratigraphy
- Structural geology

Stratification 1407

- UF Layering
- NT Chemical stratification

STRAY CURRENT CORROSION

- Density stratification
- Thermal stratification
- RI Density-flow
- Dissolved oxygen
- Ephimion
- Estuaries
- Hypohmion
- Lakes
- Lenses (soils)
- Multilevel outlets
- Oceans
- Profiles
- Reservoirs
- Sedimentation
- Sediment concentration
- Soils
- Strata
- Stratigraphy
- Thermal gradient

Stratified flow 2004

- BT -Flow
- Movement
- RT Density-flow
- Flow patterns

Stratigraphy 0807

- RT Bedrock
- Beds (geology)
- Engineering geology
- Foundation rocks
- Geologic control
- Geologic formations
- Geologic mapping
- Geologic time
- Groundwater geology
- Hydrogeology
- In situ rock
- Marine geology
- Outcrops
- Paleochronology
- Paleontology
- Petrology
- Rocks
- Sedimentary basins (geological)
- Sedimentary petrology
- Sedimentary structures
- Sedimentation
- Soil horizons
- Soil profiles
- Strata
- Stratification
- Structural geology

Stratus clouds 0402

- UF Clouds (stratus)
- BT -Clouds
- RT -Atmosphere
- Cirrus clouds
- Cloud cover
- Cumulonimbus clouds
- Cumulus clouds
- Fog
- Haze
- Smog
- Weather

Straw 0603.1

- RT Grains (crops)
- Grasses
- Hay

Strawberries 0204 0603.1

- UF Fragaria
- BT -Crops
- Dicots
- Fruit crops
- Horticultural crops
- Plants (botany)
- Stone fruits
- Vine crops

Stray current corrosion 1113

- UF Electrolytic corrosion
- BT -Corrosion
- Galvanic corrosion
- RT Cathodic protection
- Corrosion currents
- Stress corrosion
- Underground corrosion

Stream aggradation

USE Aggradation

Stream-aquifer relationships

USE Surface-groundwater relationships

Stream bank protection

USE Bank protection

STREAMBED PROFILES

THESAURUS OF WATER RESOURCES TERMS

Streambed profiles 0808

- BT - Profiles
- RT - Bed ripples
- Bedrock
- Beds (geology)
- Deposition
- Erosion
- Mapping
- River beds
- Streambeds

Streambeds 0808

- BT - Beds
- Land forms
- NT - River beds
- RT - Anchor ice
- Banks
- Bed load
- Bed movements
- Bed ripples
- Bed roughness
- Beds under water
- Critical tractive force
- Degradation (stream)
- Dry beds
- Navigable waters
- Ownership of beds
- Scour
- Streambed profiles
- Stream channels
- Stream erosion
- Streamflow records
- Stream meandering
- Streams
- Stream valley
- Tractive forces

Stream channels 0808

- UF - Channels (river)
- Channels (stream)
- River channels
- BT - Channels
- Waterways
- RT - Bank protection
- Bed movements
- Channel beds
- Channel design
- Channel improvements
- Dredging
- Floodways
- Lakes
- River beds
- Rivers
- Streambeds
- Stream erosion
- Streams
- Stream valley
- Thalweg
- Valleys
- Water
- Water transportation

Stream drainage patterns 0808

- UF - Drainage patterns (geologic)
- BT - Fluvial morphology
- RT - Drainage basins
- Drainage density
- Drainage systems
- Geologic control
- Geomorphology
- Hydrogeology
- Hydrology
- Land forms
- Stream erosion
- Streams
- Stream valley
- Topography
- Tributaries
- Watersheds (basins)

Stream erosion 0808

- BT - Erosion
- RT - Aggradation
- Armoring (streambed)
- Bank erosion
- Bed load
- Channel erosion
- Channel improvements
- Channel protection
- Critical tractive force
- Degradation (stream)
- Gully erosion
- Meanders
- Regime theory
- River currents
- Running waters
- Scour
- Sedimentation
- Streambeds

- Stream channels
- Stream drainage patterns
- Streamflow
- Stream improvement
- Stream meandering
- Streams
- Stream stabilization
- Stream valley
- Tractive forces
- Turbidity currents

Stream fisheries 0603.2

- BT - Fisheries
- RT - Anadromous fish
- Bait fishing
- Cold-water fish
- Cold-water fishing
- Fly fishing
- Freshwater fish
- Sport fishing
- Streams
- Warm-water fish
- Warm-water fishing

Streamflow 0808

- BT - Channel flow
- Flow
- Fluid flow
- Movement
- NT - Low flow
- Natural flow
- Regulated flow
- River flow
- RT - Alteration of flow
- Average flow
- Backwater profiles
- Channels
- Discharge (water)
- Diversion
- Downstream
- Flood estimate
- Flood frequency
- Floods
- Flow augmentation
- Flow duration
- Flow duration curves
- Flow patterns
- Fluvial hydraulics
- Frazil ice
- Gages
- High velocity
- High water mark
- Hydraulics
- Hydrographs
- Hydrologic budget
- Hydrologic equation
- Hydrology
- Large watersheds
- Low-flow augmentation
- Low water mark
- Non-perennial streams
- Obstruction to flow
- Open channel flow
- Peak runoff
- Perennial streams
- Regime theory
- Return flow
- River basins
- River currents
- Routing
- Runoff
- Safe yield
- Scour
- Stage-discharge relations
- Stream erosion
- Streamflow forecasting
- Streamflow records
- Streamflow regulation
- Stream gages
- Stream gaging station
- Streams
- Stream valley
- Surface-groundwater relationships
- Surface runoff
- Synthetic hydrology
- Time series analysis
- Tractive forces
- Transient flow
- Waste dilution
- Water rights
- Watersheds (basins)
- Water surface profiles
- Water year
- Weirs

Streamflow depletion 0808

- RT - Alteration of flow
- Discharge (water)
- Diversion

- Flow augmentation
- Hydraulics
- Hydrographs
- Low water mark
- Obstruction to flow
- Routing
- Runoff
- Streamflow forecasting
- Streamflow regulation
- Stream gages
- Surface runoff

Streamflow forecasting 0808

- BT - Forecasting
- Water supply forecasting
- RT - Annual floods
- Floods
- Hydrographs
- River forecasting
- Routing
- Runoff
- Streamflow
- Streamflow depletion
- Streamflow records
- Streamflow regulation
- Streams
- Stream valley
- Unit hydrographs

Streamflow records 0808

- BT - Documentation
- Records
- RT - Float wells
- Hydrometeorological station
- Hydrometeorology
- Streambeds
- Streamflow
- Streamflow forecasting
- Stream gages
- Stream gaging station
- Streams
- Stream valley

Streamflow regulation 0808

- RT - Backwater profiles
- Check structures
- Design flow
- Floods
- Flow measurement
- Flowmeters
- Flow profiles
- Geomorphology
- Inflow
- Open channel flow
- Orifice meters
- Project benefits
- Regimen
- Sedimentology
- Streamflow
- Streamflow depletion
- Streamflow forecasting
- Water control
- Watersheds (basins)
- Weir gages

Streamflow routing

- USE Routing

Stream gages 1402

- BT - Gages
- Hydrologic instruments
- Instrumentation
- Measuring instruments
- RT - Current meters
- Depth
- Discharge (water)
- Discharge measurement
- Flowmeters
- Flow rates
- Gaging stations
- Height
- Hydrographs
- Orifice meters
- River currents
- Rotating meters
- Staff gages
- Streamflow
- Streamflow depletion
- Streamflow records
- Stream gaging station
- Velocity
- Velocity meters
- Venturi meters
- Water levels
- Water measurement
- Water meters

Stream gaging station 1402

- BT - Gaging stations

- Hydrometeorological station
- Stations
- RT - Cables
- Concrete structures
- Current meters
- Discharge measurement
- Equipment
- Float wells
- Flow measurement
- Flowmeters
- Liquid level gages
- Stilling wells
- Streamflow
- Streamflow records
- Stream gages
- Water measurement
- Water stage recorders

Stream-groundwater relationships

- USE Surface-groundwater relationships

Stream improvement 1302.3

- RT - Channel improvements
- Fish and wildlife
- Hydraulic structures
- Retaining walls
- Revelments
- Step-downs
- Stream erosion
- Stream stabilization
- Water pollution treatment
- Wildlife management

Streamline flow

- USE Laminar flow

Stream meandering 0808

- UF - Meandering (stream)
- River meandering
- RT - Alluvial channels
- Banks
- Bank stabilization
- Bed movements
- Branding
- Channel improvements
- Erosion control
- Flood plains
- Gabions
- Geomorphology
- Land forms
- Meanders
- Sedimentation
- Streambeds
- Stream erosion
- Stream stabilization
- Stream valley
- Thalweg

Stream pollution 1302.2

- UF - Contamination (river)
- Contamination (stream)
- River pollution
- BT - Water pollution
- RT - Acid streams
- Biochemical oxygen demand
- Condemnation
- Dilution
- Diseases
- Disposal
- Dystrophy
- Effluent reuse
- Effluents
- Human diseases
- Impaired water quality
- Industrial wastes
- Limnology
- Non-consumptive use
- Path of pollutants
- Placer mining
- Pollutants
- Pollution control
- Public health
- Sewage disposal
- Soil contamination effects
- Thermal pollution
- Toxins
- Waste disposal
- Wastes
- Water pollution effects
- Water quality

Streams 0808

- (bodies of flowing water, great or small, contained within channels)
- UF - Brooks
- Creeks
- Runs
- BT - Bodies of water
- Running waters

THESAURUS OF TERMS

Streams (Con.)

-Waterways
 NT Acid streams
 Alluvial streams
 Effluent streams
 Ephemeral streams
 Influent streams
 Intermittent streams
 Interstate rivers
 Natural streams
 -Non-perennial streams
 Perennial streams
 -Rivers
 Tributaries
 Undergroud streams
 Wild rivers
 RT Aggradation
 Backwater
 Banks
 Bank storage
 Bayous
 Bed load
 Boundaries (property)
 Caledaction
 -Channels
 -Currents (water)
 Degradation (stream)
 Design flow
 Downstream
 Drainage systems
 Estuaries
 Flood plains
 -Floods
 Flow profiles
 -Fluvial morphology
 -Fresh water
 Geomorphology
 Graded
 Gullies
 Guls
 Headwaters
 -Hydrogeology
 Ice jams
 Inflow
 Interfluvies
 -Limnology
 Meanders
 Navigable rivers
 Non-navigable waters
 -Post-impoundment
 Pre-impoundment
 Roaches (distance)
 Regimen
 Revetments
 River currents
 -Runoff
 Sedimentology
 -Sediment transport
 Sediment yield
 Self-purification
 -Springs (water)
 Storm runoff
 -Streambeds
 Stream channels
 Stream drainage patterns
 Stream erosion
 Stream fisheries
 -Streamflow
 Streamflow forecasting
 Streamflow records
 Stream valley
 Surface-groundwater relationships
 -Surface waters
 Suspended sediments
 -Thermal springs
 Thermal water
 Upstream
 -Valleys
 -Water
 Water gaps
 Water levels
 Water resources
 -Watersheds (basins)
 Water sources
 -Water table

Stream stabilization 1302.3

BT -Stabilization
 RT Armoring (streambed)
 Bank stabilization
 Bed movements
 Channel improvements
 Critical tractive force
 -Erosion control
 -Hydraulic structures
 Meanders
 Project benefits
 Revetments
 Riprap
 River training

Stream erosion
 Stream improvement
 Stream meandering
 Stream valley

Stream training USE River training

Stream valley 0806

UF River valley
 BT -Land forms
 -Valleys
 RT Bank erosion
 -Basins
 Canyons
 -Streambeds
 Stream channels
 Stream drainage patterns
 Stream erosion
 -Streamflow
 Streamflow forecasting
 Streamflow records
 Stream meandering
 -Streams
 Stream stabilization
 Thalweg

Streets 1302.4

BT -Roads
 RT -Asphalts
 Base courses
 -Concretes
 Culverts
 -Highways
 -Pavements
 -Reinforced concrete
 Subbase
 Subgrade
 -Tunnels

Strength 1407

BT -Mechanical properties
 -Physical properties
 NT Bearing strength
 Cohesive strength
 Compressive strength
 Design strength
 Flexural strength
 Shear strength
 Soil strength
 Splitting tensile strength
 -Tensile strength
 Ultimate tensile strength
 Yield strength
 RT -Durability
 High strength steels
 Persistence
 -Resistance
 Rock properties
 Rupture modulus
 Safety factors
 -Shear
 -Stability
 Strength of materials
 -Stress

Strength of materials 2012

RT Anisotropy
 -Bearing capacity
 Bearing strength
 Bonding strength
 Brittle fractures
 -Brittle fracture theory
 Compressive strength
 Deflection
 -Deformation
 Design data
 Design strength
 Direct shear
 Effective stress
 Elastic theory
 Fatigue (materials)
 Fatigue tests
 Flexural strength
 Foreign tests
 Griffith theory
 Internal forces
 Internal friction
 Isotropy
 -Materials
 Materials engineering
 Materials failure
 Materials stability
 -Materials tests
 -Mechanical properties
 -Metal tests
 Modulus of elasticity
 Mohr circle
 Mohr failure theory

-Prestressing
 -Resistance
 Rigidity
 Rupture modulus
 -Shear
 Shear failure
 Shear resistance
 Shear strength
 -Shear tests
 Solids
 -Splitting tensile strength
 Static tests
 -Strength
 Stress-strain curves
 -Tensile strength
 -Tests
 Yield point
 Yield strength

Streptococcus 0613

BT -Aerobic bacteria
 -Bacteria
 -Microorganisms
 -Plants (botany)
 RT Pathogenic bacteria
 Sewage bacteria
 Thermophilic bacteria

Stress 2012

NT Allowable stress
 -Axial stress
 Bending stress
 Biaxial stress
 Circumferential stress
 Compressive stress
 Effective stress
 Moisture stress
 Neutral stress
 Normal stress
 Radial stress
 Residual stress
 Shear stress
 Tangential stress
 Tensile stress
 Thermal stress
 Total stress
 Transient stress
 Triaxial stress
 Twisting stress
 RT -Axial tension
 -Compaction
 -Compression
 Creep
 Droughts
 -Earth pressure
 Earthquake loads
 -Earthquakes
 Elastic limit
 -Expansive forces
 Fatigue (materials)
 Fatigue tests
 Hysteresis
 Impact
 Influence charts
 Internal forces
 -Loads (forces)
 -Mechanical properties
 Non-newtonian flow
 Normal strain
 Plastic theory
 Poisson ratio
 -Pressure
 Prestressed concrete
 -Prestressing
 Rankine pressure
 Reactions (mechanics)
 -Resistance
 Rock properties
 Rupture modulus
 -Shear
 Shear strain
 Shear strength
 Soil pressure
 -Statics
 -Strain
 Strain energy
 -Strength
 Stress analysis
 -Stress circle
 Stress concentration
 Stress corrosion
 Stress distribution
 Stress gages
 Stressing cables
 Stress meters
 Stress relaxation
 Stress relieving
 Stress-strain curves
 Stress waves

STRESS DISTRIBUTION

-Structural analysis
 Swelling pressure
 -Tensile properties
 -Tension
 Tension tests
 Trial-load method
 Triaxial compression
 -Volume change
 Yield point
 Yield strength

Stress analysis 2011

UF Analogy (membrane)
 Brittle coatings
 Coatings (brille)
 Deformeter (begg)
 Membrane analogy
 Stress determination
 Virtual mass
 Virtual work
 BT -Analysis
 RT Allowable stress
 -Analytical techniques
 Bending moments
 Bending stress
 -Earth pressure
 Elastic theory
 Finite element method
 Load distribution
 Matrix methods (structural)
 Moment distribution
 Moments of inertia
 Normal stress
 Photoelasticity
 Pressure distribution
 Safety factors
 -Strain
 -Stress
 -Stress circle
 Stress concentration
 Stress distribution
 Stress gages
 Stress meters
 Stress-strain curves
 -Structural analysis
 -Structural design
 -Structural members
 Structural models
 Structural relaxation
 Trial-load method
 -X-ray analysis

Stress circle 2012

BT -Circles (geometry)
 -Geometric shapes
 NT Mohr circle
 RT Normal stress
 Shear stress
 -Stress
 Stress analysis

Stress concentration 2012

UF Concentration (stress)
 RT Allowable stress
 Load distribution
 -Loads (forces)
 Notch effect
 Photoelasticity
 Pressure distribution
 Rock pressures
 -Strain
 -Stress
 Stress analysis
 Stress distribution
 Stress gages
 Stress meters

Stress corrosion 1113

BT -Corrosion
 RT Cracking
 Fatigue (materials)
 -Galvanic corrosion
 Stray current corrosion
 -Stress

Stress determination

USE Stress analysis

Stress distribution 2012

RT Active pressure
 Allowable stress
 At rest pressure
 -Earth pressure
 Load distribution
 Moment distribution
 Normal stress
 Passive pressure
 Photoelasticity
 Pressure distribution

STRESS GAGES

Stress distribution (Con.)

- Shear distribution
- Strain
- Stress
- Stress analysis
- Stress concentration
- Stress gages
- Stress meters

Stress gages 1402

- BT - Equipment
- Gages
- Measuring instruments
- RT - Instrumentation
- Materials tests
- Stress
- Stress analysis
- Stress concentration
- Stress distribution
- Stress meters
- Structural behavior

Stressing cables 1308

- UF - Cables (stressing)
- BT - Cables
- RT - Posttensioning
- Prestressed concrete
- Prestressing
- Prestressing systems
- Stress
- Wire
- Wire rope

Stress meters 1402

- BT - Equipment
- Instrumentation
- Measuring instruments
- Meters
- RT - Materials tests
- Stress
- Stress analysis
- Stress concentration
- Stress distribution
- Stress gages
- Structural behavior

Stress relaxation 2012

- BT - Relaxation (mechanics)
- RT - Creep
- Ductility
- Fatigue (materials)
- Plastic deformation
- Residual stress
- Strain
- Strain energy
- Stress
- Stress relieving

Stress relieving 1308

- BT - Heat treatment
- Treatment
- RT - Alloys
- Annealing
- Fatigue (materials)
- Fatigue tests
- Longitudinal joints
- Metals treatment
- Penstocks
- Relaxation (mechanics)
- Residual stress
- Stabilization
- Steel pipes
- Strain energy
- Strain hardening
- Stress
- Stress relaxation
- Structural relaxation

Stress-strain curves 2012

- UF - Stress-strain relations
- BT - Curves
- Geometric shapes
- RT - Axial strain
- Axial stress
- Compression tests
- Deformation
- Deformation modulus
- Elastic limit
- Experimental data
- Foundation modulus
- Materials tests
- Mechanical properties
- Modulus of elasticity
- Physical properties
- Plastic theory
- Plate load tests
- Poisson ratio
- Shear tests
- Strain
- Strain rate

- Strength of materials
- Stress
- Stress analysis
- Tensile properties
- Tension tests
- Torsion shear tests
- Ultimate tensile strength
- Vane shear tests
- Yield point
- Yield strength

Stress-strain relations

USE Stress-strain curves

Stress waves 2012

- BT - Waves
- RT - Blasts
- Cyclic loads
- Dynamic loads
- Earthquake loads
- Elastic waves
- Impact
- Mechanical waves
- Seismic waves
- Shear waves
- Shock waves
- Soil dynamics
- Stress
- Transient stress
- Vibration

Stringing 1315

- RT - Electric conductors
- Sagging
- Suspension insulators
- Tension
- Transmission lines

Strip aquifers 0808.1

- BT - Aquifers
- RT - Aquicludes
- Artesian wells
- Bedrock
- Confined water
- Geologic formations
- Groundwater
- Groundwater barriers
- Hydrogeology
- Permeability
- Recharge
- Underground storage
- Water table
- Water wells

Strip cropping 0204

- UF - Strip tillage
- BT - Land management
- RT - Contour farming
- Contours
- Erosion control
- Soil erosion
- Soil management
- Terraces
- Wind erosion

Striped bass 0603.2

- UF - Roccus saxatilis
- BT - Animals
- Aquatic animals
- Aquatic life
- Fish
- Marine animals
- Marine fish
- Saline water fish
- Sea basses
- Wildlife

Strip mine lakes 0809

- BT - Bodies of water
- Lakes
- Standing waters
- Surface waters
- RT - Acidic water
- Strip mines

Strip mines 0809

- RT - Acidic soils
- Coal mines
- Mining
- Open pit mining
- Quarrying
- Spoil banks
- Strip mine lakes
- Strip mine wastes

Strip mine wastes 0809

- BT - Industrial wastes
- Mine wastes
- Wastes

- RT - Acidic water
- Coal mine wastes
- Strip mines
- Water pollution sources

Stripping 1315

- RT - Borrow areas
- Bulldozers
- Clearing
- Earthmoving
- Earthworks
- Excavation
- Excavators
- Grading (earthwork)
- Overburden
- Quarrying
- Reservoir clearing

Strip tillage

USE Strip cropping

Strontium radioisotopes 1802

- BT - Isotopes
- Radioisotopes
- RT - Fallout

Structural analysis 1313.5

- BT - Analysis
- NT - Matrix methods (structural)
- RT - Building design
- Computer applications
- Dead loads
- Deflection
- Design
- Distortion (structural)
- Engineering structures
- External forces
- Frames
- Limit design
- Live loads
- Load distribution
- Loads (forces)
- Moment distribution
- Photoelasticity
- Reactions (mechanics)
- Relaxation method
- Rigid frames
- Safety factors
- Slope deflection method
- Space frames
- Spans
- Stability analysis
- Statics
- Stiffness matrix
- Strain
- Stress
- Stress analysis
- Structural behavior
- Structural design
- Structural engineering
- Structural members
- Structural models
- Structural relaxation
- Structural stability
- Thin shell structures
- Total loads
- Trial-load method
- Ultimate loads
- Ultimate strength design
- Vertical loads
- Yield line method

Structural behavior 1313.5

- UF - Behavior (structural)
- BT - Behavior
- RT - Dams
- Deflection
- Deformation
- Differential displacements
- Dynamic response
- Earthquake damage
- Earthquake-resistant structures
- Field data
- Flexural strength
- Instrumentation
- Loads (forces)
- Mechanical properties
- Piezometers
- Reactions (mechanics)
- Rock bolts
- Safety factors
- Settlement (structural)
- Strain gages
- Strain measurement
- Strain meters
- Stress gages
- Stress meters
- Structural analysis
- Structural design

- Structural models
- Structural relaxation
- Structural stability
- Structures
- Thin shell structures
- Tunnel linings
- Tunnels
- Ultimate loads
- Ultimate strength design
- Vibration damping
- Yield line method

Structural concrete 1303.1

- BT - Building materials
- Concretes
- Construction materials
- RT - Beams (structural)
- Columns
- Concrete structures
- Engineering structures
- High strength concretes
- Lightweight concretes
- Reinforced concrete
- Slabs
- Structural members

Structural design 1313

- BT - Design
- NT - Bridge design
- Building design
- Dam design
- Limit design
- Minimum weight design
- RT - Arch bridges
- Arches
- Archicecture
- Arch trusses
- Bailey bridges
- Bascule bridges
- Bays (structural)
- Beams (structural)
- Benls (structural)
- Box beams
- Building codes
- Butt joints
- Buttresses
- Canal design
- Cantilevers
- Columns
- Composite beams
- Composite structures
- Concrete structures
- Continuous beams
- Continuous frames
- Continuous structures
- Continuous trusses
- Cylindrical shells
- Dead loads
- Deflection
- Deformation
- Design assumptions
- Design criteria
- Design data
- Design practices
- Design standards
- Design tools
- Differential settlement
- Dynamic loads
- Dynamic response
- Earthquake engineering
- Earthquake loads
- Earthquake-resistant structures
- Eccentric loading
- Effective stress
- Elastic theory
- Embankments
- External forces
- Flexural strength
- Floors
- Footings
- Foundations
- Frames
- Freeboard
- Girders
- High strength concretes
- High strength steels
- Influence charts
- Lap joints
- Live loads
- Load distribution
- Load factors
- Loads (forces)
- Minimum weight theory
- Moment distribution
- Pin connected joints
- Plastic theory
- Precast concrete
- Prestressed concrete
- Safety factors

THESAURUS OF TERMS

Structural design (Con.)

Seismic design
Seismic stability
-Settlement (structural)
-Shell structures
Slabs
Slenderness ratio
Slope deflection method
Space frames
Spans
Steel structures
Stress analysis
-Structural analysis
Structural behavior
Structural engineering
-Structural members
Structural models
Structural relaxation
Structural shapes
-Structural stability
-Structures
Thin shell structures
Timbers
Total loads
-Towers
-Trestles
Trial-load method
Truss bridges
-Trusses
Tunnel design
Ultimate loads
Ultimate strength design
Vertical loads
Warehouses
Web beams
Wind bracing
-Wooden structures
Yield line method

Structural engineering 1313

UF Engineers (structural)
Structural engineers
BT -Civil engineering
-Engineering
RT Architecture
Building design
-Construction methods
-Design
-Engineering mechanics
-Engineering structures
Erection
-Mechanics
-Metalwork
Safety factors
Seismic design
-Settlement (structural)
-Structural analysis
-Structural design
Structural models
Structural relaxation
-Structural stability
-Structures

Structural engineers USE Structural engineering

Structural geology 0807

BT -Geology
RT -Basins
Bedrock
Beds (geology)
-Continental margin
Continental shelf
Continental slope
Contours
Crusts
-Earthquakes
Faults (geology)
-Fissures (geology)
Folds (geology)
Foundation rocks
Fractures (geology)
Geologic control
-Geologic formations
Geologic mapping
-Geologic structures
Geomorphology
-Hydrogeology
Joints (geology)
Land subsidence
Petrofabrics
-Petrology
Rock mechanics
-Sedimentary structures
Seismology
Strata
Stratigraphy
-Structure
-Valleys

Structural members 1313.5

NT -Beams (structural)
Box beams
Columns
Composite beams
Continuous beams
Corbels
Deep beams
-Girders
Hybrid beams
Plate girders
Struts
Studs
Web beams
RT Arch trusses
Buttresses
Cantilevers
Compression members
-Construction materials
Continuous frames
-Continuous structures
Continuous trusses
Dowels
-Engineering structures
-Foundations
-Frames
Influence charts
-Joints (connections)
-Masonry
Minimum weight design
-Piers
-Piles (foundations)
-Plates
Posttensioning
Precast concrete
Prestressed concrete
-Prestressing
Rigid frames
Roof supports
Slabs
Slenderness ratio
Spans
-Steel plates
Stress analysis
-Structural analysis
Structural concrete
-Structural design
Structural shapes
Structural steel
-Structures
-Supports
-Trestles
-Trusses

Structural models 1313.5

BT -Models
RT -Model studies
Model tests
Safety factors
Stress analysis
-Structural analysis
Structural behavior
-Structural design
Structural engineering
-Structural stability
-Structures

Structural relaxation 1313.5

UF Relaxation (structural)
BT -Relaxation (mechanics)
RT Dead loads
Relaxation method
Stress analysis
Stress relieving
-Structural analysis
Structural behavior
-Structural design
Structural engineering

Structural shape jacks USE Jacks (structural shape)

Structural shapes 1303

UF Beams (channel)
Channel beams
RT -Bars
-Beams (structural)
Box beams
Columns
Configuration
Curved profiles
Cylindrical shells
Domes (structural)
Jacks (structural shape)
-Plate
-Rods
-Steel plates
-Structural design
-Structural members

Structural steel
Thin shell structures
-Tubes
Welded joints
-Welding

Structural stability 1313.5

BT -Stability
NT Dam stability
RT -Bracing
Buttresses
Deflection
-Deformation
Dynamic stability
Earthquake loads
-Failure (mechanics)
-Footings
-Foundations
-Loads (forces)
-Mechanical properties
Safety factors
Seismic design
Seismic stability
-Slope stability
-Stability analysis
-Structural analysis
Structural behavior
-Structural design
Structural engineering
Structural models
-Structures

Structural steel 1106

BT -Alloys
-Building materials
-Construction materials
-Iron alloys
-Metals
-Steel
RT -Alloys
-Beams (structural)
Carbon alloys
Carbon steels
-Engineering structures
Erection
Fabrication
Flanges
Gusset plates
High-bond reinforcing bars
High strength steels
-Metalwork
Plate girders
-Plates
Prestressed steel
-Prestressing
-Reinforcement
-Reinforcing materials
-Reinforcing steels
Steel structures
-Structural members
Structural shapes
Transmission towers
Welded joints
-Welding

Structure 2012

NT Molecular structure
Soil structure
Storm structure
Water structure
RT -Morphology
Plant morphology
Structural geology

Structures 1313.5

Use of a more specific term is recommended

NT Biobrons
Blowoff structures
-Bridges (structures)
-Buildings
Buried structures
-Canals
Cast-in-place structures
Cellular structures
-Check structures
-Coastal structures
Composite structures
-Concrete structures
-Continuous structures
Control structures
-Conveyance structures
-Dams
Earthquake-resistant structures
-Engineering structures
Fixed structures
Hinged structures
-Hydraulic structures
-Intake structures

SUBARCTIC

Large structures
-Laterals
Multilevel outlets
Multiple purpose structures
-Outlet works
Powerhouses
Pumping plants
-Shell structures
Skewed structures
Small structures
-Spillways
Steel structures
Thin shell structures
-Towers
-Trestles
Underground powerplants
-Underground structures
-Wooden structures
RT Apparances
Architecture
Flexible foundations
-Industrial plants
-Mills
Rehabilitation
Safety factors
Seismic properties
Seismic stability
-Settlement (structural)
Structural behavior
-Structural design
Structural engineering
-Structural members
Structural models
-Structural stability

Struts 1313.5

BT -Structural members
RT -Bracing
Columns
Compression members
-Frames
Shoring
-Supports
-Trusses
Tunnel linings
Tunnel supports

Stubble mulching 0204

BT -Land management
-Mulching
-Soil management
RT Arid lands
-Cover crops
Crop response
Dry land farming
Soil-water-plant relationships
Water conservation
-Water management (applied)
-Weed control

Students 0509

RT Careers
Colleges
-Education
Employment opportunities
-Instruction
Professional development
-Schools (education)
-Training
Universities

Studs 1305

BT -Structural members
RT -Anchors
-Bolts
Columns
Compression members
-Fasteners
-Mechanical fasteners
-Pins (mechanical)
Screws
-Walls

Styrene resins 1109

BT -Resins
-Synthetic resins
-Vinyl resins
NT Polystyrene
RT Aromatic solvents
Copolymers
Synthetic rubber

Subarctic 0402

RT Alaska
Antarctic
Arctic
Climatic zones
-Cold regions
Cold weather construction

SUBATMOSPHERIC PRESSURE

THESAURUS OF WATER RESOURCES TERMS

Subarctic (Con.)

Permafrost
-Podzols
-Polar regions
-Regions
Semiarid climates
Subhumid areas
Subhumid climates
Temperate
Tundra

-Documentation
Indexes (documentation)
-Indexing
Information retrieval
Information science
Keywords
Libraries
Nomenclatures
Selective dissemination
Thesaurus

Submerged soils

USE Aquatic soils

Submerged vegetation stage 0606

BT -Ecosystems
-Lake stages
-Succession

Submerged weirs 1402

BT -Weirs
RT Broad-crested weirs
Cipolletti weirs
Discharge measurement
Flow measurement
Rectangular weirs
Sharp crested weirs
Submerged flow
Vee-notched weirs
Weir crests
Weir ponds

Submergence 1407

RT Anchor ice
Buoyancy
Drowned (submerged)
-Flooding
-Flotation
Pump intakes
Quenching
Saturation
Soaking
Submerged flow
-Subsidence
Underground
Underwater foundations
Wetting

Submersed weeds 0603.1

BT -Aquatic weeds
-Submerged plants
-Weeds
NT -Pondweeds
Sago pondweed
RT -Floating plants
-Floating weeds
-Rooted aquatic plants

Subsidence 1407

NT Deep subsidence
Embankment subsidence
Land subsidence
Shallow subsidence
RT -Compaction
-Consolidation
-Cooling
-Damages
Deep-well pumping
-Deformation
-Depletion
Deposition
Depression
Differential settlement
Groundwater depletion
Loess
-Mines
-Mining
Ponding
-Pumping
Sagponds
-Settlement (structural)
Sinkholes
Sinks
Submergence
Unconsolidated soils
Underconsolidation
-Wells
Withdrawal

Subsoil 0807

BT -Earth materials
-Materials
-Soils
RT -Foundations
Hardpan
Root zone
Soil classifications
-Soil horizons
Soil profiles
Soil surfaces
Subgrade
Subsurface moisture
Topsoil

Subsolic flow 2004

UF Subsonic streams
BT -Compressible flow
-Flow
-Fluid flow

-Movement
RT Aerodynamics
-Fluid dynamics
Mach number
Supersonic flow

Subsonic streams

USE Subsonic flow

Subsonic wind tunnels

USE Wind tunnels

Substations (electrical) 0903

UF Electrical substations
RT Air switches
Bus (electrical)
Circuit protection
-Converters (electrical)
Disconnecting switches
Electrical design
Electrical engineering
-Electrical equipment
-Electrical insulators
-Electric cables
Electric networks
-Electric power
Electric power distribution
-Electric switches
-Power transformers
Protective relaying
Switchyards (electrical)
Terminal facilities (electrical)
-Transformers
-Transmission (electrical)
-Transmission lines
Voltage regulators

Substituted urea pesticides

USE Urea pesticides

Substrates 1104

RT -Coatings
-Laminates
Plating
Primers (coatings)

Subsurface drainage 0808.1

BT -Drainage
NT Mole drainage
Tile drainage
RT Drainage systems
Electroosmosis
-Flow
Karst
Leaching
Oil reservoirs
Percolation
Permeability
Porosity
-Seepage
Sewers
Sinks
Storm drains
-Subsurface drains
Subsurface flow
Subsurface irrigation
Subsurface runoff
-Subsurface waters
Tile drains
Underground
Underground streams
-Unsaturated flow
-Water wells
-Zone of aeration

Subsurface drains 0808.1

BT -Drains
NT Tile drains
Underdrains
RT Dewatering
-Drainage
Drainage costs
Drainage systems
Drain spacing
Drain tiles
French drains
Horizontal drains
Manholes
Sand drains
-Subsurface drainage
Subsurface moisture
Toe drains
Vertical drains

Subsurface explorations

USE Subsurface investigations

Subsurface flow 0808.1

BT -Flow

Subatmospheric pressure 2004

BT -Vacuum
NT Negative pore pressure
RT Atmospheric pressure
Cavitation index
-Hydraulic models
Low pressure
Pump intakes
-Vacuum apparatus
Vacuum breakers
Vacuum drying
Vacuum pumps
Vapor pressure
Water column separation

Subbase 1302.4

RT Base courses
-Foundations
-Highways
-Pavements
-Roads
Runways
Streets
Subgrade

Subclimax 0606

BT -Climax
-Ecosystems
-Succession

Subcritical flow 2004

UF Tranquil flow
BT -Critical flow
-Flow
-Fluid flow
-Movement
RT Critical depth
Critical velocity
Laminar flow
Orifice flow
Pipe flow
Steady flow
Transient flow
Turbulent flow

Subgrade 1302.4

RT Base courses
-Foundations
-Highways
-Pavements
-Roads
Runways
Streets
Subbase
Subsoil

Subhumid areas 0806

RT Droughts
Humid areas
-Rainfall
Semiarid climates
Semiarid land
Subarctic
Subhumid climates
Subtropical
Temperate

Subhumid climates 0402

BT -Climate
RT Chernozems
Chestnut soils
-Grasslands
Humid areas
Humid climates
Prairie soils
Semiarid climates
Subarctic
Subhumid areas
Subtropical
Temperate

Subirrigation

USE Subsurface irrigation

Subject indexing 0502

UF Classification (documentation)
NT Coordinate indexing
RT Catalogs
-Classifications

Sublaterals 0203.1 1313.1

BT -Channels
-Conveyance structures
-Irrigation canals
-Laterals
RT -Conduits
-Ditches
-Pipelines
Unlined canals

Sublimation 0704

RT -Condensation
-Evaporation
-Freezing
-Ice
Latent heat
Nucleation
Phase studies
-Separation techniques
-Snow
Snow management
-Temperature
Vapor pressure
-Water vapor

Submarine cables 0901

BT -Transmission lines
RT Coaxial cables
-Electric cables
-Electric conductors
Power cables
Underground cables
Underground transmission lines
-Underwater excavation

Submarine pipelines 1313.3

BT -Conduits
-Pipelines
RT Crossings
Dredging
-Gages
Hydraulic conduits
-Oils
-Pipes
Pressure conduits
-Transportation
Underwater construction
-Underwater excavation

Submarines 1310

BT -Ships
RT Military aspects
Naval architecture
Underwater

Submerged flow 2004

RT Draft tubes
Jet diffusion
Submerged orifices
Submerged weirs
Submergence

Submerged lands

USE Beds

Submerged orifices 2004

BT -Orifices
RT Flow measurement
Metergates
Nozzles
Orifice flow
Orifice meters
Submerged flow

Submerged plants 0603.1

BT -Aquatic life
-Aquatic plants
-Plants (botany)
NT -Pondweeds
Sago pondweed
-Submersed weeds
RT -Aquatic algae
-Aquatic microorganisms
-Aquatic weeds
-Floating plants
Plant groupings
-Rooted aquatic plants
Underwater

THESAURUS OF TERMS

Subsurface flow (Con.)

- Movement
- RT Flow patterns
- Groundwater flow
- Groundwater movement
- Soil water movement
- Subsurface drainage
- Subsurface runoff
- Vadose water
- Zone of aeration.

Subsurface investigations 0807

- UF Explorations (subsurface)
- Subsurface explorations
- BT -Investigations
- RT Auger borings
- Borehole cameras
- Borehole geophysics
- Drift
- Drill holes
- Drill hole TV cameras
- Drilling
- Electrical well logging
- Exploration
- Foundation investigations
- Geologic investigations
- Geophysical logging
- Geophysical prospecting
- Gravimetric prospecting
- In situ rock
- Logging (recording)
- Logs
- Penetration tests
- Pits
- Rock pressures
- Sampling
- Sediment sampling
- Seismic investigations
- Seismic refraction
- Seismic velocity
- Soil investigations
- Soil profiles
- Sounding
- Subsurface mapping
- Subsurface moisture
- Test holes
- Test pits
- Trenches
- Underground
- Underground openings
- Well logging

Subsurface irrigation 0203.1

- UF Subirrigation
- BT -Gravity irrigation
- Irrigation
- Irrigation systems
- RT Demand (irrigation systems)
- Mole irrigation
- Permeability
- Pipes
- Subsurface drainage
- Surface irrigation
- Underground

Subsurface mapping 0807

- BT -Mapping
- RT -Drilling
- Foundation investigations
- Geologic mapping
- Geologic maps
- Geophysics
- In situ rock
- Maps
- Seismic refraction
- Soil investigations
- Soil profiles
- Sounding
- Subsurface investigations
- Underground

Subsurface moisture 0808.1

- BT -Moisture
- RT -Groundwater
- Groundwater basins
- Groundwater mounds
- Moisture content
- Perched water table
- Saturation
- Soil moisture
- Soil water
- Subsoil
- Subsurface drains
- Subsurface investigations
- Subsurface waters
- Water content
- Water table

Subsurface runoff 0808.1

- UF Interflow

- Storm seepage
- Subsurface storm flow
- BT -Runoff
- RT Groundwater flow
- Groundwater movement
- Hydrologic equation
- Percolating water
- Soil water movement
- Subsurface drainage
- Subsurface flow
- Subsurface waters
- Well permits
- Well regulations

Subsurface storm flow

- USE Subsurface runoff

Subsurface waters 0808.1

- BT -Water types
- NT Artesian water
- Capillary water
- Confined water
- Connate water
- Excess water (soils)
- Fringe water
- Gravitational water
- Groundwater
- Hygroscopic water
- Juvenile water
- Matricial water
- Saline groundwater
- Soil water
- Underflow
- Vadose water
- RT Adsorbed water
- Aquifers
- Artesian aquifers
- Artesian wells
- Conjunctive use
- Drainage water
- Geysers
- Groundwater basins
- Hydrogeology
- Hydrologic cycle
- Hydrologic equation
- Running waters
- Saline water intrusion
- Soil moisture
- Springs (water)
- Subsurface drainage
- Subsurface moisture
- Subsurface runoff
- Underground
- Underground streams
- Water resources
- Well permits
- Well regulations
- Zone of aeration
- Zone of saturation

Subtropic 0402

- RT Climatic zones
- Humid climates
- Laterites
- Pedallers
- Rain forests
- Red podzolic soils
- Regions
- Semiarid climates
- Subhumid areas
- Subhumid climates
- Temperate
- Tropic
- Wet climates
- Yellow podzolic soils

Suburban studies

- USE Urbanization

Succession 0606

- BT -Ecosystems
- NT Allogenic succession
- Annual succession
- Autogenic succession
- Climatic climax
- Climax
- Disclimax
- Dune succession
- Emerging vegetation stage
- Lake stages
- Pioneer stage
- Postclimax
- Precimax
- Subclimax
- Submerged vegetation stage
- Temporary pond stage
- RT Balance of nature
- Biological communities
- Biology

- Clear-cutting
- Competition
- Control
- Cutting management
- Cycles
- Dominant organisms
- Early impoundment
- Ecology
- Environmental effects
- Environmental gradient
- Environments
- Forests
- Grasslands
- Habitats
- Invasion
- Migration
- Mixed forests
- Persistence
- Plant populations
- Plants (botany)
- Population
- Radioactivity effects
- Ranges
- Reservoir stages
- Resistance

Suckering

- USE Vegetation regrowth

Suckers 0603.2

- UF Catostomids
- BT -Animals
- Aquatic animals
- Aquatic life
- Fish
- Freshwater fish
- Wildlife
- NT Buffalo fishes
- Carp sucker

Suction 1407

- NT Soil suction
- RT Low pressure,
- Negative pore pressure
- Negative pressure
- Pressure
- Vacuum

Sudangrass 0603.1

- UF Sorghum sudanense
- BT -Agronomic crops
- Crops
- Field crops
- Forage grasses
- Forages
- Grasses
- Monocots
- Plants (botany)
- RT Silage
- Sorghum

Sudden enlargements 2004

- RT Contraction
- Hydraulic valves
- Nappe
- Nozzles
- Orifice flow
- Outlets
- Pipe flow
- Pipelines
- Reservoirs
- Taper
- Transitions (structures)
- Vena contracta

Sugar beets 0204 0603.1

- UF Beta saccharifera
- BT -Agronomic crops
- Crops
- Dicots
- Field crops
- Fruit crops
- Horticultural crops
- Plants (botany)
- Sugar crops
- RT Silage

Sugarcane 0204 0603.1

- UF Saccharum officinarum
- BT -Agronomic crops
- Crops
- Field crops
- Monocots
- Plants (botany)
- Sugar crops

Sugar crops 0204

- BT -Agronomic crops
- Crops

SULFUR COMPOUNDS

- Field crops
- Plants (botany)
- NT Sugar beets
- Sugarcane
- RT -Carbohydrates
- Dicots
- Monocots
- Plant groupings

Sulfate attack 1303.1

- BT -Chemical degradation
- RT -Chemical reactions
- Chemical stability
- Concrete technology
- Portland cements
- Sulfate-resisting cements
- Sulfates
- Sulfuric acid

Sulfate reducing bacteria 0613

- UF Sulfur bacteria
- BT -Anaerobic bacteria
- Bacteria
- Microorganisms
- NT Beggiatoa
- Thiobacillus ferrooxidans
- RT Acid bacteria
- Aerobic bacteria
- Aquatic bacteria
- Aquatic microorganisms
- Corrosion
- Iron bacteria
- Marine bacteria
- Photosynthetic bacteria
- Sewage bacteria
- Soil bacteria
- Sulfur

Sulfate-resisting cements 1303.1

- BT -Cements
- Portland cements
- RT -Concrete technology
- Sulfate attack

Sulfates 0702

- BT -Chemical compounds
- Sulfur compounds
- NT Anhydrite
- Calcium sulfate
- Copper sulfate
- Gypsum
- Sodium sulfate
- RT Saline soils
- Sulfate attack
- Sulfuric acid

Sulfides 0702

- BT -Chemical compounds
- Inorganic compounds
- Sulfur compounds
- NT Hydrogen sulfide
- RT Pyrite

Sulfite liquors 1112

- BT -Chemical compounds
- Sulfur compounds
- Wastes
- RT -Industrial wastes
- Pulp wastes
- Waste treatment
- Water pollution sources

Sulfonates 0703

- BT -Chemical compounds
- Organic compounds
- Sulfur compounds
- NT Alkylbenzene sulfonates
- Linear alkylate sulfonates
- RT Detergents
- Surfactants

Sulfur 0702

- BT -Chemical elements
- Nonmetals
- RT -Sulfate reducing bacteria
- Sulfur compounds
- Sulfuric acid

Sulfur bacteria

- USE Sulfate reducing bacteria

Sulfur compounds 0702 0703

- BT -Chemical compounds
- NT Alkylbenzene sulfonates
- Calcium sulfate
- Copper sulfate
- Diazinon
- Gypsum
- Hydrogen sulfide

SULFURIC ACID

Sulfur compounds (Con.)

Linear alkylate sulfonates
Paraquat
-Phosphothioate pesticides
Sodium sulfate
-Sulfates
-Sulfides
Sulfite liquors
-Sulfonates
Sulfuric acid
RT Sulfur

Sulfuric acid 0702

BT -Acids
-Chemical compounds
-Chemicals
-Sulfur compounds
RT Sulfate attack
-Sulfates
Sulfur

Summer 0402

BT -Seasons
RT Seasonal

Sumps 1302

RT Cesspools
Dewatering
-Drainage
Drainage systems
Drainage wells
-Drains
-Pits
-Pumping
Shallow wells
-Waste disposal
-Wells

Sun 0301

BT -Astronomical bodies
-Stars
RT Astronomy
Solar radiation
Solar systems

Sunfishes 0603.2

UF Bluegills
Centrarchus species
Crappies
Lepomis species
Pomoxis species
BT -Animals
-Aquatic animals
-Aquatic life
-Fish
-Freshwater fish
-Pan fish
-Wildlife
NT Bass
Roanoke bass
Rock bass

Sunspot

USE Solar disturbances

Superconductivity 2003

BT -Conductivity
-Electrical properties
-Physical properties
RT -Alloys
Electrical impedance
Electrical resistance
Low temperature
Solid state physics

Superconductors 2003

BT -Electric conductors
RT -Alloys
Lead (element)
Mercury (metal)
Niobium
Tin
Vanadium

Supercooled fog 0402

BT -Fog
RT -Freezing
-Ice
Ice formation

Supercooling 2013

BT -Cooling
RT -Condensation
Crystallization
Equilibrium
-Freezing
Precooling
Supersaturation
-Temperature
Water cooling

Supercritical flow 2004

UF Rapid flow
BT -Critical flow
-Flow
-Fluid flow
-Movement
RT Critical depth
Critical velocity
Flow patterns
High velocity
Orifice flow
Pipe flow
Transient flow
Turbulent flow
Wave pile-up

Superhumid climates

USE Wet climates

Superimposed drainage 0808.1

BT -Drainage
RT -Erosion
Geomorphology
-Sedimentation

Supersaturation 2013

RT Crystallization
Quenching
Saturation
Supercooling

Supersonic flow 2004

UF Supersonic streams
BT -Compressible flow
-Flow
-Fluid flow
-Movement
RT Aerodynamics
-Fluid dynamics
Mach number
Shock waves
Subsonic flow
Wind tunnels

Supersonic streams

USE Supersonic flow

Supersonic wind tunnels

USE Wind tunnels

Supervision 0501

RT Coordination
Decision making
Employee relations
Executives
Leadership
-Management
-Personnel
Personnel management
Responsibilities

Supervisory control (power) 0903

BT -Control
RT Automatic control
-Computers
Electric networks
-Electric power
Electric power demand
-Electric power production
Electric relays
Microwaves
Telemetry
-Transmission (electrical)

Supplemental irrigation 0203.1

BT -Irrigation
-Irrigation practices
RT Droughts
Humid climates
Moisture availability
-Precipitation (atmospheric)
Timing

Supplemental water 0203.1

BT -Water
RT -Industrial water
-Irrigation
-Irrigation water
Municipal water

Supply 0503

NT Capital supply
Labor supply
Water supply
RT Commerce
-Demand
-Economics
Elasticity of supply
Foreign products

Guarantees

Logistics
-Materials
-Population
-Prices
-Procurement
Supply contracts
Warehouses

Supply contracts 0504.1

BT -Contracts
RT -Contract administration
Contracting
Engineers estimates
-Equipment
Foreign products
Guarantees
-Legal aspects
Litigation
Performance
Specifications
-Standards
-Supply

Supports 1313.5

NT Roof supports
Tunnel supports
RT -Beams (structural)
-Bearings
-Bracing
Bushings
Buttresses
Columns
Compression members
Cribbing
Flexible tubing
-Footings
-Foundations
-Frames
-Girders
Journal bearings
-Loads (forces)
Pad footings
-Piers
-Piles (foundations)
-Reinforcement
-Rock bolts
Scaffolds
-Shafts (machinery)
Shoring
-Structural members
Struts
Tie rods
Timbers
-Trestles
Web beams

Suppressants

USE Retardants

Suppression (electrical) 2003

RT Attenuation
-Damping
Electrical insulation
-Shielding

Surcharge 1407

RT -Consolidation
Horizontal loads
Loading rate
-Loads (forces)
Passive pressure
Preconsolidated soils
Preconsolidation
Preloading
Pressure head
Reservoir capacity
-Settlement (structural)
Storage capacity

Surf 0803

RT -Beaches
Ocean beaches
-Ocean waves
-Shores
Surf-boarding
Surf-casting

Surface drainage 0808.1

UF Land drainage
BT -Drainage
RT -Canals
-Channels
Culverts
Dewatering
Grassed waterways
-Land
Snowmelt
Surface runoff

-Surface waters
Water spreading
-Water yield

Surface-groundwater relationships 0808.1

UF Aquifer-stream relationships
Groundwater-surface relationships
Stream-aquifer relationships
Stream-groundwater relationships
RT Bank storage
Base flow
Conjunctive use
-Groundwater
Hydrologic equation
-Irrigation water
Natural recharge
Rainfall-runoff relationships
-Recharge
-Runoff
-Streamflow
-Streams
-Surface waters
-Water storage

Surface irrigation 0203.1

BT -Distribution systems
-Irrigation
-Irrigation systems
NT Border irrigation
Flood irrigation
-Furrow irrigation
Trickle irrigation
RT Agriculture
Demand (irrigation systems)
-Ditches
-Flooding
-Irrigation canals
Land development
Land preparation
Return flow
-Seepage
Sprinkler irrigation
Subsurface irrigation
Water application rate
Water requirements
Wetting front

Surface preparation 1308

RT Abrasive blasting
Cleaning
-Coatings
Concrete finishing
-Finishing
Grading (earthwork)
Grinding
Machining
Painting
Paving
Primers (coatings)
-Surface properties
Surface sealing
-Surfacing

Surface properties 1407

BT -Properties
NT Adhesion
Emissivity
Reflectivity
Surface tension
Wettability
RT -Adsorption
Albedo
Bonding
Capillarity
-Chemical properties
-Coatings
Color
-Corrosion
Crazing
-Diffusion
E fluorescence
Etching
External friction
-Finishes
Friction coefficient (hydraulic)
Friction coefficient (mechanical)
Friction tests
Grain shapes
-Hardening
-Interfaces
-Ion adsorption
-Mechanical properties
Negative friction
-Optical properties
Permeability
Pitting
Relative roughness
-Resistance coefficients

THESAURUS OF TERMS

Surface properties (Con.)

Ripple marks
 -Roughness
 -Roughness coefficient
 Skin friction
 Sliding resistance
 Smoothness
 Sorption
 Surface preparation
 -Surfaces
 Texture
 Viscosity
 -Void ratio
 Wall friction
 Wetting agents

Surface runoff 0808

UF Diffused surface water
 BT -Runoff
 RT Cloudbursts
 Drainage water
 -Floods
 Grassed waterways
 -Hydrographs
 Hydrologic budget
 Large watersheds
 Overland flow
 Peak discharge
 Peak floods
 Peak runoff
 Precipitation excess
 Rainfall disposition
 Rain water
 Repulsion (legal aspects)
 Riddance (legal aspects)
 River basins
 Sheet erosion
 -Slopes
 Small watersheds
 Snowmelt
 Soil erosion
 Storm drains
 Storm runoff
 -Streamflow
 Streamflow depletion
 Surface drainage
 Surface storage
 -Surface waters
 Time of concentration
 Topsoil
 Unit hydrographs
 Vegetation effects
 Waste water
 Water collection systems
 Watershed management
 -Watersheds (basins)
 Water sources
 -Water supply forecasting

Surfaces 1407

NT Failure surfaces
 Flat surfaces
 Free surfaces
 Soil surfaces
 RT -Adsorption
 Area
 Areal
 -Boundaries (surfaces)
 -Coatings
 Concrete finishing
 Configuration
 Crusts
 Depression storage
 -Finishes
 -Geometric shapes
 Hard surfacing
 -Interfaces
 -Morphology
 Oil-water interfaces
 Preparation
 Pressure drag
 -Profiles
 Ripple marks
 -Shape
 Shear drag
 Specific surface
 -Surface properties
 Surface tension
 -Surfacing
 Terraces (geological)
 -Water levels
 Wettability

Surface sealing 1315

RT -Finishes
 Permeability
 -Sealants
 -Seepage
 Shotcrete
 Soil compaction

Soil density
 Soil sealants
 Soil surfaces
 Surface preparation
 -Surfacing
 -Treatment

Surface storage 0808

RT Depression storage
 Infiltration
 Rainfall-runoff relationships
 Surface runoff

Surface tension 0704

BT -Surface properties
 -Tension
 RT Capillarity
 Capillary action
 Capillary pressure
 -Drops (fluids)
 -Flotation
 -Interfaces
 -Mechanical properties
 Negative pore pressure
 -Negative pressure
 -Pore pressure
 Soil suction
 -Surfaces
 -Surfactants
 Tensiometers
 Water properties
 Weber number
 Wettability

Surface waters 0808

BT -Bodies of water
 -Water
 NT Afterbays
 Detention reservoirs
 Equalizing reservoirs
 Evaporation reservoirs
 Farm ponds
 Forebays
 Great ponds
 Gulfs
 Iced lakes
 Interstate rivers
 -Lakes
 Multiple purpose reservoirs
 Natural streams
 Navigable rivers
 Oceans
 Playa lakes
 -Ponds
 -Reservoirs
 -Rivers
 Sagponds
 Saline lakes
 Stock ponds
 Strip mine lakes
 RT -Aquatic environment
 Bank storage
 Conjunctive use
 -Drainage
 Drainage systems
 Drainage water
 Dystrophy
 Eutrophication
 -Evaporation
 -Floods
 -Fresh water
 -Gaging stations
 -Groundwater
 Groundwater hydrology
 -Hydrogeology
 Hydrography
 Hydrologic cycle
 Hydrologic equation
 -Hydrology
 -Irrigation
 Large watersheds
 -Limnology
 -Marshes
 Oligotrophy
 Peak runoff
 -Precipitation (atmospheric)
 -Recharge
 Repulsion (legal aspects)
 Riddance (legal aspects)
 River basins
 -Running waters
 -Runoff
 Seiches
 Shallow water
 -Soil water
 -Standing waters
 -Streams
 Surface drainage
 Surface-groundwater relationships

Surface runoff
 -Swamps
 Waste assimilative capacity
 Water collection systems
 -Water resources
 -Watersheds (basins)
 Water sources
 Water supply
 -Water types
 -Wetlands

Surfacing 1308

NT Hard surfacing
 RT Anodizing
 Cladding
 -Coatings
 Crusts
 Dam crests
 Galvanizing
 -Hardening
 -Linings
 Painting
 Parking areas
 -Pavements
 Paving
 -Protective coatings
 Road construction
 Roofing materials
 Sheathing
 Surface preparation
 -Surfaces
 Surface sealing
 Waterproofing
 Weatherproofing

Surfactants 1111

NT Linear alkylate sulfonates
 RT -Admixtures
 Detergents
 -Dispersants
 Emulsifying agents
 Foam fractionation
 Foam separation
 Formulation
 -Retardants
 Soaps
 -Sulfonates
 Surface tension
 Water pollution sources
 Wettability
 Wetting
 Wetting agents

Surf-boarding 0511

BT -Recreation
 -Water sports
 RT Surf

Surf-casting 0511

BT -Fishing
 -Recreation
 -Water sports
 RT Cold-water fishing
 Fishing gear
 -Freshwater fish
 -Marine fish
 Marine fisheries
 Sport fish
 Sport fishing
 Surf

Surges 1407

NT Surge waves
 Switching surges
 RT Bore (wave)
 -Disturbances
 Draft tubes
 Flood waves
 -Fluid flow
 -Frequency
 Gusts
 Hurricanes
 Hydraulic jump
 Hydraulic transients
 Hydrodynamic pressure
 -Mechanical waves
 Overvoltage
 Plumbing
 Pulses
 Seiches
 Slug flow
 Tidal energy
 Transients
 Vibration damping
 -Water circulation
 Water column separation
 Water hammer
 Wave period
 -Waves

SURVEYING INSTRUMENTS

-Waves (water)
 -Wind (meteorology)
 Wind tides

Surge tanks 1313.1

BT -Tanks (containers)
 RT Absorbers
 Air chambers
 -Concrete structures
 -Hydraulic structures
 Hydraulic transients
 Hydroelectric power
 Penstocks
 -Pipelines

Surge waves 2004

BT -Surges
 -Waves
 -Waves (water)
 RT Bore (wave)
 Wave generation
 Wave period
 Wave suppressors

Surplus water 0504.1

UF Excess water (legal aspects)
 BT -Water types
 RT Overflow
 -Prior appropriation
 -Water storage

Surveying 0802

NT Plane surveying
 RT Aerial photography
 Alinement
 Angles (geometry)
 Azimuth
 Baselines
 Bathymetry
 Bench marks
 Cadastral surveys
 -Civil engineering
 -Coordinates
 Direction finding
 -Drilling
 -Exploration
 Field control
 Field data
 Geodesy
 Geodetic surveys
 -Geologic investigations
 -Geophysics
 Grid systems
 Highway engineering
 Hydrographic surveys
 -Investigations
 Lasers
 Locating
 -Mapping
 -Maps
 -Measurement
 Monuments
 Offsets
 Orientation
 Photogrammetry
 Position finding
 -Profiles
 -Radar
 Ranges (distance)
 Reconnaissance surveys
 Right-of-way
 Soil investigations
 Sounding
 Surveying instruments
 -Surveys
 Survey stations
 Telemetry
 Tellurometers
 Terrain analysis
 Theodolites
 Topographic mapping
 Topography
 Triangulation nets
 Trigonometry

Surveying instruments 0802

UF Instruments (surveying)
 BT -Instrumentation
 RT Altimeters
 Geodimeters
 -Mapping
 -Measurement
 -Optical instruments
 -Plane surveying
 Second order surveys
 Sextants
 -Surveying
 -Surveys
 -Tapes

SURVEYS

Surveying Instruments (Con.)

Tellurometers
Theodolites

Surveys 1302

UF Reconnaissance
NT Aerial surveys
Cadastral surveys
First order surveys
Geodetic surveys
Geological surveys
Hydrographic surveys
Magnetic surveys
Reconnaissance surveys
Reservoir surveys
Resistivity surveys
Second order surveys
Snow surveys
Soil surveys
Topographic surveys
RT Aerial photography
Aerial reconnaissance
Baselines
Bathymetry
Bench marks
Design data
-Drilling
-Estimating
-Exploration
-Field data
-Geodesy
-Geologic investigations
-Geometry
-Geophysics
-Grid systems
-Hydrography
-Hydrologic data
-Inspection
-Investigations
-Mapping
-Maps
-Measurement
-Photogrammetry
-Photography
-Plane surveying
-Position finding
-Preliminary investigations
-Profiles
-Ranges (distance)
-Right-of-way
-Scale (ratio)
-Soil investigations
-Sounding
-Surveying
-Surveying instruments
-Teleretry
-Terrain analysis
-Test procedures
-Zoning

Surveys (data collection) 1407

RT -Census
Creel census
Data collections
Data collection systems
-Economics
-Questionnaires
-Statistical analysis

Survey stations 0802

RT Alignment
Locations
-Measurement
Monuments
Position finding
-Surveying

Suspended load 0808

UF Wash load
BT -Sediment load
-Sediments
RT Particle size
-Running waters
-Runoff
Sediment samplers
Sediment sampling
Suspension

Suspended sediments 0808

BT -Sediments
RT Bed load
Bedload movement
Bed movements
-Colloids
Dispersion
Particle size
-Running waters
-Runoff
Saltation
-Sediment deposits

Sediment discharge
-Sediment load
Sediment samplers
-Sediment transport
-Streams
Suspended solids
Suspension
Turbidimeters
Turbidity

Suspended solids 0808

BT -Sediments
RT Bed load
-Colloids
-Mixtures
Particle size
-Running waters
-Runoff
Saltation
-Sediment transport
Slurries
Suspended sediments
Suspension
Turbidimeters
Turbidity

Suspension 1407

RT -Aquatic drift
Desilting
Dispersion
-Emulsions
Mixing
Mixing length
Sedimentology
-Sediment transport
-Seston
Settling velocity
Slurries
Springs (mechanical)
Suspended load
Suspended sediments
Suspended solids
Suspension bridges
Tripton
Turbidity

Suspension bridges 1313.5

BT -Bridges (structures)
-Engineering structures
RT Abutments
Aeolian vibration
Bridge construction
Bridge design
-Cables
Highway bridges
Railroad bridges
Spans
Suspension
-Towers

Suspension insulators 0901

BT -Electrical equipment
-Electrical insulators
RT Electrical insulation
Stringing
-Transmission lines

Suwannee bass

USE Bass

Swamps 0808

BT -Land forms
-Wetlands
NT Mangrove swamps
RT -Aquatic environment
-Aquatic habitats
-Bodies of water
-Bogs
Coastal marshes
Deltas
Drainage wells
-Lakes
-Lake stages
Land reclamation
-Marshes
Muskeg
Quicksand
Shallow water
Stagnant water
-Standing waters
-Surface waters
Terrain
Waterlogged land

Swans 0603.2

BT -Animals
-Birds
-Non-game birds
-Wildlife

NT Mute swan
Trumpeter swan
Whistling swan

Sweat 0616

RT Exudation
Heat resistance (biological)
Respiration
Transpiration
Water balance
-Water types

Sweet corn 0204 0603.1

UF Corn (sweet)
BT -Crops
-Field crops
-Grasses
-Horticultural crops
-Monocots
-Plants (botany)
-Vegetable crops
RT Corn (field)

Sweet potatoes 0204 0603.1

UF Ipomea batatas
BT -Crops
-Dicots
-Field crops
-Horticultural crops
-Plants (botany)
-Vegetable crops

Swelling 1407

RT Dilation
Distortion (structural)
-Expansion
-Expansive clays
-Expansive forces
-Expansive soils
-Growth
-Heaving
Rebound
-Shrinkage
-Strain
Swelling pressure
-Volume change

Swelling pressure 1407

BT -Expansive forces
-Pressure
RT -Expansion
-Expansive clays
-Expansive soils
External forces
-Heaving
Internal forces
-Loads (forces)
Osmotic pressure
-Stress
Swelling
Tunneling

Swimming 0511

BT -Recreation
-Water sports
RT Drowning
Nekton
Scuba diving
Sea nettles
Swimming pools
Underwater

Swimming pools 0511

UF Pools (swimming)
BT -Recreation facilities
RT -Bodies of water
-Facilities
-Recreation
Swimming

Swine

USE Hogs

Switchgear 0901

BT -Electrical equipment
RT -Circuit breakers
Disconnecting switches
Electrical design
Electrical engineering
-Electric switches
Insulating oil
Transformer oils

Switchgrass 0603.1

UF Panicum virgatum
BT -Agronomic crops
-Crops
-Field crops
-Forage grasses

-Forages
-Grasses
-Monocots
-Plants (botany)
RT Hay

Switching 0901

RT Airblast circuit breakers
Air switches
-Circuit breakers
Electric relays
-Electric switches
Line switching
Short circuits
Switching circuits
-Transmission (electrical)
-Transmission lines

Switching circuits 0901

BT -Circuits
RT Airblast circuit breakers
Air switches
-Circuit breakers
Electric relays
-Electric switches
Network analysis
Switching
Voltage regulators

Switching surges 2003

BT -Surges
RT Electrical restrikes
Electrical stability
Overvoltage
Reliability
Shunt reactors
Shunt resistors
Transients

Switchyards (electrical) 0903

UF Electrical switchyards
RT Air switches
Bus (electrical)
-Converters (electrical)
Disconnecting switches
Electrical design
Electrical engineering
-Electrical equipment
-Electrical insulators
-Electric cables
Electric networks
-Electric power
-Electric powerplants
-Electric switches
-Power transformers
Protective relaying
Substations (electrical)
Terminal facilities (electrical)
-Transformers
-Transmission (electrical)
-Transmission lines
Voltage regulators

Sycamore trees 0603.1

UF Platanus occidentalis
BT -Crops
-Deciduous trees
-Dicots
-Horticultural crops
-Plants (botany)
-Trees

Syenite 0807

BT -Crystalline rocks
-Igneous rocks
-Intermediate rocks
-Plutonic rocks
-Rocks

Symbiosis 0603.1

RT -Ecology
Lichens

Symbolic logic

USE Mathematical logic

Symbols 1407

RT Acronyms
-Codes
Coding
Color
Communication
-Data processing
-Geology
-Languages
Machine translating
-Mapping
Nomenclatures
Soil classifications

THESAURUS OF TERMS

Symbol: (Con.)

Visibility

Symmetry 1407

- RT Asymmetry
- Distortion (optics)
- Distortion (structural)
- Eccentricity
- Geometry
- Grain shapes
- Shape

Symposia

USE Conferences

Synchronous condensers

USE Electrical equipment

Synchronous machines 0903

- BT Rotating machines
- RT Electric generators
- Electric motors
- Motors
- Power system stability

Synecology

USE Biological communities

Synoptic analysis 0402

- RT Analytical techniques
- Automatic
- Charts
- Climate
- Depth-area curves
- Depth-area-duration analysis
- Frequencies
- Maps
- Metecological data
- Microclimate
- Microenvironment
- Networks
- Regions
- Stations
- Synthesis
- Weather data
- Weather forecasting

Syntheses 1407

- RT Analytical techniques
- Chemical reactions
- Hydrographs
- Model studies
- Operations research
- Processing
- Synoptic analysis
- Systems analysis
- Systems engineering

Synthetic detergents

USE Detergents

Synthetic fibers 1105

- BT Fibers
- RT Plastics
- Polyester resins
- Polyethylene
- Rayon
- Synthetic resins
- Textiles

Synthetic hydrographs

USE Unit hydrographs

Synthetic hydrology 0808

- UF Stochastic hydrology
- BT Hydrologic aspects
- RT Design storm
- Mathematical models
- Probable maximum precipitation
- Reservoir operation
- River systems
- Stochastic processes
- Streamflow
- Systems analysis

Synthetic resins 1109

- BT Resins
- NT Alkyd resins
- Epoxy resins
- Nylon
- Phenolic resins
- Polyester resins
- Polyethylene
- Polystyrene
- Polysulfide resins
- Polyurethane resins
- Styrene resins
- Thermoplastic resins
- Thermosetting resins
- Vinyl-resin coatings

- Vinyl resins
- RT Copolymers
- Elastomers
- Plastics
- Polymers
- Synthetic fibers
- Synthetic rubber

Synthetic rubber 1110

- BT Building materials
- Elastomers
- Rubber
- RT Plastics
- Polystyrene
- Polysulfide resins
- Polyurethane resins
- Styrene resins
- Synthetic resins

Systematics 1407

- UF Bacteriophage typing
- Classifications (biological)
- Taxonomy
- NT Fish taxonomy
- RT Animals
- Classifications
- Flowering
- Phylogeny
- Plants (botany)
- Speciation
- Varieties

Systemics 0606

- RT Application methods
- Pesticides
- Poisons
- Toxicology

Systems analysis 1105

- RT Computer programming
- Computers
- Flow charts
- Information science
- Information systems
- Management
- Management analysis
- Mathematical models
- Methodology
- Operations research
- Simulation
- Statistical analysis
- Statistical models
- Synthesis
- Synthetic hydrology
- Systems engineering

Systems engineering 0501

- UF Engineering (systems)
- RT Coordination
- Data processing
- Decision-making
- Forecasting
- Human engineering
- Industrial engineering
- Information systems
- Information theory
- Management
- Management engineering
- Mathematical models
- Operations research
- Production control
- Recording systems
- Reliability
- Research and development
- Scheduling
- Simulation
- Synthesis
- Systems analysis

System stability (electric) 0901

- 0903
- RT Electrical stability
- Electrical studies
- Electric networks
- Interconnected systems
- Protective relaying
- Transmission lines

T

2,4,5-T 0606

- BT Chemicals
- Chlorinated hydrocarbon pesticides
- Halogenated pesticides
- Herbicides
- Organic compounds
- Organic pesticides
- Pesticides

Tables (data) 0502

- BT Documentation
- Information
- NT Mathematical tables
- Steam tables
- RT Charts
- Climatic data
- Data processing
- Data reduction
- Data storage
- Data transmission
- Experimental data
- Field data
- Hydrologic data
- Libraries
- Meteorological data
- Publications
- Records
- Statistics
- Weather data

Tagging 1402

- RT Analytical techniques
- RT Dye reagents
- Indicators
- Marking techniques
- Radioisotopes
- Telemetry
- Tracers

Tailrace 1313.1

- BT Channels
- RT Channel flow
- Channel improvements
- Channel protection
- Hydraulic turbines
- Hydroelectric powerplants
- Tailwater
- Turbines
- Water conveyance
- Water wheels

Tailwater 1313.1

- RT Alterbays
- Dams
- Hydraulic structures
- Hydroelectric powerplants
- Power head
- Tailrace
- Water levels

Tainter gates

USE Radial gates

Talc 0807

- UF Soapstone
- BT Minerals

Talus 0807

- BT Crillium
- Geologic deposits
- Soils
- RT Breccia
- Detrital soils
- Erosion
- Fragmented materials
- Mass wasting
- Rockfalls
- Rock glaciers
- Rock
- Slopes

Tamarisk 0603.1

- UF Saltcedar
- BT Brush
- Crops
- Dicots
- Horticultural crops
- Phreatophytes
- Plants (botany)
- RT Desert plants

- Range management
- Riparian plants
- Weed control

Tamping rollers 1303

- BT Compaction equipment
- Construction equipment
- Equipment
- Rollers
- RT Compaction
- Drum rollers
- Earth handling equipment
- Earthworks
- Embankments
- Fills
- Mobile equipment
- Pneumatic tired rollers
- Roller fills
- Sheepsfoot rollers

Tangential strain 2012

- BT Strain
- RT Deformation
- Normal strain
- Shear strain
- Tangential stress

Tangential stress 2012

- BT Stress
- RT Circumferential stress
- Radial loads
- Radial stress
- Tangential strain
- Twisting stress

Tangible benefits 0601 0603

- BT Benefits
- RT Intangible benefits
- Tangible costs

Tangible costs 1401

- BT Costs
- RT Capital costs
- Construction costs
- Intangible costs
- Tangible benefits

Tanks (containers) 1304

- 1304 Containers
- 1304 Concrete tanks
- Digestion tanks
- Evaporation tanks
- Sedimentation tanks
- Septic tanks
- Storage tanks
- Surge tanks
- Water tanks
- RT Basins
- Cisterns
- Cylinders
- Cylindrical shells
- Drums
- Hoop tension
- Pressure vessels
- Reservoir construction
- Reservoirs
- Storage
- Towers
- Vessels

Taper 1407

- RT Contraction
- Pipe fittings
- Pipelines
- Sudden enlargements
- Transitions (structures)
- Vena contracta

Tapered joints 1305

- BT Joints (connections)
- RT Pipe joints

Tapes 1107

- NT Magnetic tapes
- Punctured tapes
- RT Adhesives
- Data storage
- Fasteners
- Measuring instruments
- Seals (stoppers)
- Surveying instruments

Tariff 0503

- RT Costs
- Export
- Foreign trade
- Import
- Revenues
- Taxes

TASTE

Tariff (Con.)

-Treaties

Taste 0616

UF Flavor

BT -Organoleptic properties

RT -Biological properties

-Chemical properties

Forage palatability

Odor

Taste-producing algae

Water pollution effects

Water properties

-Water quality

Taste-producing algae 0603.1

BT -Algae

-Aquatic algae

-Aquatic life

-Aquatic plants

-Plants (botany)

RT Taste

Water pollution sources

-Water quality

Taxation

USE Taxes

Taxes 0503

UF Taxation

NT Progressive taxes

Regressive taxes

RT Assessments

-Costs

Earnings

Engineering costs

Government finance

-Income

Local governments

Non-structural alternatives

Operating costs

-Payment

-Profit

-Rates

-Regulations

Revenues

Tariff

Tax rate

Taxonomy

USE Systematics

Tax rate 0503

RT -Costs

-Taxes

Teal (blue-winged)

USE Blue-winged teal

Teal (common)

USE Common teal

Teal (green-winged)

USE Green-winged teal

Technical feasibility 1407

BT -Feasibility

RT Economic feasibility

Project feasibility

Technical papers 0502

BT -Documentation

RT Abstracts

Bibliographies

Current awareness

Editing

Professional development

Publications

-Reports

Report writing

Scientific societies

-Technical writing

Translations

Technical societies 0501

UF Engineering societies

BT -Organizations

-Professional societies

RT Conferences

-Documentation

-Engineering personnel

Grants

Professional development

-Professional personnel

Publications

Scientific personnel

Scientific societies

Translations

Technical writing 0502

NT Report writing

RT Abstracts

Annotations

Bibliographies

Clarity

-Documentation

Editing

Grammars

Project summaries

Publications

-Records

-Reports

Technical papers

Translations

Vocabularies

Techniques (analytical)

USE Analytical techniques

Technologists 0509

BT -Personnel

NT Architects

Consulting engineers

-Engineering personnel

Scientific personnel

RT -Administration

-Management

Manpower

Technology

Technology 1407

RT -Analytical techniques

Applied research

Basic research

-Design

-Engineering

-Environmental tests

-Management

Manuals

Materials engineering

-Methodology

-Projects

-Research and development

-Technologists

Tee losses 2004

BT -Losses

RT Head losses

Pipe fittings

-Pipelines

Tees

Velocity

Tees 1313.3

RT Asbestos-cement pipes

Concrete pipes

-Losses

Pipe bends

Pipe fittings

Pipe flow

-Pipelines

-Pipes

Plastic pipes

Steel pipes

Tee losses

Telemeters

USE Telemetry systems

Telemetry 0906 1702

RT Antennas

Communication

Control systems

Data collections

Data transmission

-Electronic equipment

-Exploration

-Instrumentation

Marking techniques

-Measurement

-Measuring instruments

Radioisotopes

Remote control

Remote sensing

Supervisory control (power)

-Surveying

-Surveys

Tagging

Telemetry meters

Tracking techniques

Telemetry systems 0906 1702

UF Telemeters

RT Communication

Data collection systems

Data transmission

Data transmission systems

-Instrumentation

-Measuring instruments

Microwaves

Radio communication systems

Radio relay stations

-Sensors

Time signals

-Transducers

Telephones 1702

RT Communication

Microphones

Radios

-Receivers

Repeaters (communications)

Sound

-Transmitters

Television 1702

UF Video

NT Underwater television

RT Coaxial cables

Communication

Drill hole TV cameras

-Instrumentation

Microwaves

Phase control

-Photographic equipment

Radio communication systems

Radio reception

Radio relay stations

Radios

-Radio signals

-Radio waves

-Transmitters

VHF

Tellurometers (C&D)

BT -Equipment

-Instrumentation

-Measuring instruments

-Test equipment

RT -Electronic equipment

Geodimeters

-Surveying

Surveying instruments

Telemetry

Temperate 1407

RT Arid climates

Arid lands

Brown soils

Chernozems

Chestnut soils

Climatic zones

Gray-brown podzolic soils

High temperature

High temperature research

Humid climates

-Pedalliers

-Podzols

Prairie soils

Rain forests

-Regions

Semiarid climates

Sierozems

Subarctic

Subhumid areas

Subhumid climates

Subtropic

Temperature control

-Temperature sensors

Temperature 1407

NT Air temperature

High temperature

Low temperature

Soil temperature

Water temperature

RT Adiabatic

Calefaction

-Climatology

Cold springs

Creep

Cryogenics

Degree days

Emissivity

Energy balance

-Expansive forces

Freeze-thaw cycle

-Freezing

Frost action

-Geothermal studies

Growing period

-Heat

Heat balance

Heat budget

Heated water

Heat exchangers

Heat flow

Heat pumps

Heat resistance (biological)

Heat resistance (materials)

Heat transfer

High temperature research

-Hydrometeorological station

Ice lenses

Isotherms

Linear expansion

Melting

-Meteorology

Phase diagrams

-Physical properties

Precooling

Preheating

Psychrometrics

Sublimation

Supercooling

Temperature control

Temperature inversions

Temperature rise

-Temperature sensors

Thawing

Thermal capacity

Thermal conductivity

Thermal expansion

Thermal pollution

-Thermal properties

Thermal radiation

-Thermal springs

Thermal stratification

Thermal stress

Thermal water

Thermistors

Thermocline

THESAURUS OF TERMS

Temperature sensors (Con.)

- Embedded instruments
- Freeze-thaw tests
- Geothermal prospecting
- Infrared detectors
- Infrared photography
- Infrared radiation
- Low temperature
- Measurement
- Refrigeration
- Temperate
- Temperature

Temporal distribution 1407

- BT—Distribution
- RT—Diurnal migration
- Ecological distribution
- Migration patterns

Temporary pond stage 0606

- BT—Ecosystems
- Lake stages
- Succession
- RT—Grasslands

Tendipes plumosus

- USE Midges

Tennessee 0806

- BT—Geographical regions
- States (geographical)

Tensile properties 2012

- BT—Mechanical properties
- Properties
- NT—Splitting tensile strength
- Tensile strength
- Ultimate tensile strength
- RT—Brittleness
- Ductility
- Elastic limit
- Elongation
- Hardness
- Hysteresis
- Modulus of elasticity
- Poisson ratio
- Stiffness
- Strain
- Stress
- Stress-strain curves
- Tensile stress
- Tension
- Tension tests
- Toughness
- Yield point
- Yield strength

Tensile strength 2012

- UF—Tension strength
- BT—Mechanical properties
- Strength
- Tensile properties
- NT—Splitting tensile strength
- Ultimate tensile strength
- RT—Axial tension
- Biaxial tension
- Compressive strength
- Concrete properties
- Ductility
- Elasticity (mechanical)
- Hysteresis
- Physical properties
- Poisson ratio
- Shear strength
- Strength of materials
- Tensile stress
- Tension
- Tension tests
- Triaxial tension
- Yield point
- Yield strength

Tensile stress 2012

- UF—Tension stress
- BT—Stress
- RT—Axial stress
- Axial tension
- Compressive stress
- Hoop tension
- Normal stress
- Posttensioning
- Radial stress
- Relaxation (mechanics)
- Shear cracks
- Shear stress
- Splitting tensile strength
- Tensile properties
- Tensile strength
- Tensile stress
- Tension

- Tension tests
- Total stress
- Ultimate tensile strength

Tensimeters 1402

- BT—Equipment
- Instrumentation
- Measuring instruments
- Meters
- Test equipment
- RT—Capillary pressure
- Extensometers
- Gages
- Laboratory equipment
- Moisture content
- Negative pressure
- Richards apparatus
- Soil moisture
- Soil water
- Surface tension
- Tensile stress
- Tension
- Tension tests

Tension 2011

- NT—Axial tension
- Biaxial tension
- Hoop tension
- Moisture tension
- Surface tension
- Triaxial tension
- RT—Compression
- Deformation
- Dynamometers
- Elasticity (mechanical)
- Mechanical properties
- Poisson ratio
- Posttensioning
- Shear
- Shear planes
- Splitting tensile strength
- Springs (mechanical)
- Strain
- Stress
- Stringing
- Tensile properties
- Tensile strength
- Tensile stress
- Tensimeters
- Tension tests

Tension strength

- USE Tensile strength

Tension stress

- USE Tensile stress

Tension tests 1402

- BT—Materials tests
- Tests
- RT—Axial tension
- Compression tests
- Creep tests
- Ductility
- Dynamometers
- Fatigue tests
- Hardness tests
- High temperature research
- Impact tests
- Loading tests
- Rock tests
- Shear tests
- Splitting tensile strength
- Static tests
- Strain
- Stress
- Stress-strain curves
- Tensile properties
- Tensile strength
- Tensile stress
- Tensimeters
- Tension
- Ultimate tensile strength

Tensor analysis 1201

- BT—Analysis
- RT—Geometry
- Graphical analysis
- Linear algebra
- Vector analysis

Teredos 0603.2

- BT—Animals
- Aquatic animals
- Aquatic life
- Invertebrates
- Marine borers
- Mollusks

Terminal facilities (electrical)

- 0901.1
- RT—Converters (electrical)
- Direct current
- Electric power
- Extra high voltage
- Substations (electrical)
- Switchyards (electrical)
- Transmission (electrical) Δ
- Transmission lines

Terrace deposits 0807

- UF—Deposits (terrace)
- BT—Alluvial deposits
- Geologic deposits
- Land forms
- Sediment deposits
- RT—Alluvium
- Glacial deposits
- Gravels
- Sands
- Sedimentation
- Terraces
- Terraces (geological)

Terraces 0203

- BT—Earthworks
- Land forms
- RT—Contour farming
- Crops
- Erosion control
- Flood control
- Grassed waterways
- Land management
- Landscaping
- Plants (botany)
- Runoff
- Soil conservation
- Soil management
- Strip cropping
- Terrace deposits
- Terraces (geological)
- Terracing
- Vegetation

Terraces (agricultural)

- USE Terracing

Terraces (geological) 0807

- BT—Land forms
- RT—Borings
- Geomorphology
- Surfaces
- Terrace deposits
- Terraces
- Terrain

Terracing 0203

- UF—Terraces (agricultural)
- BT—Land forming
- RT—Contour farming
- Ditches
- Earthmoving
- Earthworks
- Erosion control
- Flood control
- Flow control
- Graded
- Grassed waterways
- Land management
- Landscaping
- Runoff
- Soil conservation
- Soil management
- Terraces
- Water management (applied)

Terrain 0806

- RT—Beaches
- Coastal marshes
- Coastal plains
- Damsites
- Deserts
- Geographical regions
- Geomorphology
- Grasslands
- Land
- Land forms
- Morphology
- Mountains
- Rain forests
- Sinkholes
- Swamps
- Terraces (geological)
- Terrain analysis
- Topography
- Valleys

TEST EQUIPMENT

Terrain analysis 0806

- BT—Analysis
- RT—Damsites
- Exploration
- Field investigations
- Geomorphology
- Mapping
- Military aspects
- Morphology
- Photogrammetry
- Photography
- Regions
- Remote sensing
- Surveying
- Surveys
- Terrain

Terrazzo 1303

- RT—Concretes

Terrestrial habitats 0606

- BT—Environments
- Habitats
- RT—Aquatic habitats
- Arid lands
- Burrows
- Cultivated lands
- Deserts
- Forests
- Grasslands
- Intertidal areas
- Mountains
- Shelterbelts
- Soils
- Wetlands
- Wildlife habitats

Terrestrial magnetism 0814

- UF—Geomagnetism
- BT—Magnetic properties
- RT—Geophysics
- Magnetic fields
- Magnetic surveys

Tertiary period 0807

- BT—Cenozoic era
- Geologic time
- RT—Quaternary period

Tertiary treatment 1302.1

- UF—Advanced waste treatment
- BT—Sewage treatment
- Treatment
- Waste treatment
- RT—Activated carbon
- Coagulation
- Distillation
- Electrodialysis
- Foam separation
- Freezing
- Ion exchange
- Nutrients
- Oxidation lagoons
- Permeable membranes
- Reverse osmosis
- Sanitary engineering
- Solids contact process
- Solvent extractions
- Ultimate disposal
- Waste water treatment
- Water reuse
- Water salvage

Test canals 1402

- BT—Canals
- Test facilities
- RT—Algae
- Aquatic weeds
- Canal linings
- Current meters
- Discharge (water)
- Erosion
- Field tests
- Flow resistance
- Hydraulics
- Manning's equation
- Open channel flow
- Open channels
- Radiation measurement
- Roughness coefficient
- Seepage
- Turbulent flow
- Velocity
- Weed control

Test equipment 1402

- BT—Equipment
- NT—Accelerometers
- Altimeters

TEST FACILITIES

Test equipment (Con.)

- Ammeters
- Anemometers
- Barometers
- Calorimeters
- Chronographs
- Chronometers
- Clocks
- Dial gages
- Dynamometers
- Evapotranspirometers
- Extensometers
- Flowmeters
- Frequency analyzers
- Gages
- Galvanometers
- Geiger counters
- Geodimeters
- Geophones
- Gravimeters
- Interference analyzers
- Interferometers
- Liquid level gages
- Lysimeters
- Magnetometers
- Micrometers
- Moisture meters
- Neutron counters
- Nuclear density meters
- Nuclear moisture meters
- Ohmmeters
- Orifice meters
- Oscillographs
- Oscilloscopes
- Penetrometers
- Permeameters
- Photometers
- Piezometers
- Plumbines
- Potentiometers
- Pressure gages
- Pressure measuring instruments
- Radiation detectors
- Radiation measurement
- Radiation measuring equipment
- Radiometers
- Radiosondes
- Salinity meters
- Scintillation counters
- Soniscopes
- Strain gages
- Tellurometers
- Temperature sensors
- Tensiometers
- Test machines
- Thermographs
- Tiltmeters
- Turbidimeters
- Velocity meters
- Venturi meters
- Viscometers
- Voltmeters
- Volumetric meters
- Water meters
- Wattmeters
- Weir gages
- Wind tunnels
- RT Centrifuges
- Compaction tests
- Compression tests
- Computers
- Concrete tests
- Destructive tests
- Dynamic tests
- Field laboratories
- Field tests
- Flat jack method
- Hydraulic models
- Impulse tests (electrical)
- Instrumentation
- Laboratory equipment
- Laboratory tests
- Measuring instruments
- Meters
- Models
- Probes (instruments)
- Recording systems
- Samplers
- Sensors
- Test facilities
- Test procedures
- Tests
- Test specimens

Test facilities 1402

- BT - Facilities
- NT Experimental farms
- Field laboratories
- Hydraulic laboratories
- Laboratories

- Mobile laboratories
- Shock tubes
- Test canals
- Test machines
- Wind tunnels
- RT - Computers
- Concrete tests
- Hydraulic models
- Impulse tests (electrical)
- Laboratory equipment
- Models
- Model tests
- Research facilities
- Test equipment
- Test pits
- Tests
- Vacuum apparatus
- Wave tanks

Test fills 1402

- BT - Fills
- RT Compaction tests
- Earth dams
- Earthworks
- Embankments
- Field tests
- Tests

Test holes 1402

- RT Auger borings
- Boreholes
- Borings
- Core drilling
- Cores
- Drill holes
- Exploration
- Foundation investigations
- Percolation tests
- Pits
- Soil investigations
- Sounding
- Subsurface investigations
- Test pits
- Trenches
- Wells

Testing

USE Tests

Test machines 1402

- BT - Equipment
- Facilities
- Machines
- Test equipment
- Test facilities
- RT Bond tests
- Compression tests
- Concrete tests
- Destructive tests
- Dynamic tests
- Jacking tests
- Laboratory equipment
- Measuring instruments
- Pipe tests
- Recording systems
- Tests
- Test specimens

Test methods

USE Test procedures

Test piles 1402

- BT - Piles (foundations)
- RT - Bearing capacity
- Field tests
- Pile bearing capacities
- Pile driving
- Pile extraction
- Pile foundations
- Pile friction
- Pile tests
- Skin friction
- Static tests
- Tests

Test pits 1402

- BT - Pits
- RT Adits
- Boreholes
- Borrow areas
- Drift
- Drill holes
- Exploration
- Field tests
- Foundation investigations
- Soil investigations
- Soil profiles
- Sounding
- Subsurface investigations

- Test facilities
- Test holes
- Trenches

Test procedures 1402

- UF Test methods
- BT - Methodology
- Procedures
- RT Accelerated tests
- Acceptance tests
- Analysis
- Analytical techniques
- Compression tests
- Concrete tests
- Destructive tests
- Evaluation
- Field tests
- Foreign tests
- Index tests
- Laboratory tests
- Materials tests
- Measurement
- Model tests
- Product evaluation
- Prototype tests
- Quality control
- Rapid compaction control
- Sampling
- Shear tests
- Soil tests
- Surveys
- Test equipment
- Test results
- Tests
- Test specimens
- Turbine efficiency

Test results 1402

- RT Acceptance tests
- Concrete tests
- Foundation bearing tests
- Freeze-thaw tests
- Laboratory tests
- Materials tests
- Nondestructive tests
- Prototype tests
- Pump tests
- Test procedures
- Tests
- Test specimens

Tests 1402

Use of a more specific term is recommended

- UF Testing
- NT Accelerated tests
- Acceptance tests
- Aquifer tests
- Bond tests
- Compaction tests
- Compression tests
- Concrete tests
- Corrosion tests
- Creep tests
- Destructive tests
- Drained shear tests
- Dynamic tests
- Electrical insulation tests
- Environmental tests
- Exposure tests
- Fatigue tests
- Field permeability tests
- Field tests
- Filter tests
- Foundation bearing tests
- Freeze-thaw tests
- Friction tests
- Hardness tests
- Impact tests
- Impulse tests (electrical)
- Index tests
- In situ tests
- Jacking tests
- Laboratory tests
- Loading tests
- Materials tests
- Metal tests
- Model tests
- Nondestructive tests
- Notch tests
- Penetration tests
- Percolation tests
- Performance tests
- Permeability tests
- Pile tests
- Pipe tests
- Plate load tests
- Ponding tests
- Pressure tests

- Prototype tests
- Pull-out tests
- Pull tests
- Pumping tests (wells)
- Pump tests
- Rock tests
- Seismic tests
- Shear tests
- Shock tests
- Soil compression tests
- Soil consolidation tests
- Soil tests
- Sonic velocity tests
- Static tests
- Tension tests
- Therm test
- Torsion shear tests
- Triaxial tests
- Ultrasonic tests
- Undrained shear tests
- Vane shear tests
- Vibration tests
- Wetting and drying tests

- RT - Analysis
- Analytical techniques
- Assay
- Calibrations
- Chemical analysis
- Errors
- Evaluation
- Experimental data
- Exploration
- Fatigue (materials)
- Hydraulic models
- Inspection
- Investigations
- Laboratories
- Logging (recording)
- Measurement
- Models
- Model studies
- Quality control
- Research and development
- Sampling
- Similitude
- Simulation
- Soil analysis
- Strength of materials
- Test equipment
- Test facilities
- Test fills
- Test machines
- Test piles
- Test procedures
- Test results
- Test specimens
- Wind tunnels

Test specimens 1402

- RT Acceptance tests
- Concrete tests
- Laboratory tests
- Materials tests
- Metal tests
- Samplers
- Samples
- Shear tests
- Soil tests
- Test equipment
- Test machines
- Test procedures
- Test results
- Tests
- Undisturbed samples

Texas 0806

- BT - Coastal plains
- Geographical regions
- States (geographical)
- RT Reclamation states

Textiles 1105

- RT Cotton
- Fibers
- Fibers (plant)
- Rayon
- Synthetic fibers
- Water pollution sources

Texture 1407

- BT - Physical properties
- RT Anisotropy
- Foliation
- Gradation
- Grain shapes
- Grain sizes
- Grain structure (metals)
- Isotropy
- Morphology

THESAURUS OF TERMS

Texture (Con.)

- Porosity
- Smoothness
- Soil classifications
- Soil properties
- Surface properties

Thallium radioisotopes 1802

- BT - Isotopes
- BT - Radioisotopes

Thalweg 0808

- RT - Beds
- Channels
- Profiles
- Slopes
- Stream channels
- Stream meandering
- Stream valley
- Valleys
- Waterways

Thawing 0704

- RT - Freeze-thaw tests
- Frost action
- Frost heaving
- Frozen soils
- Heating
- Melting
- Temperature

Theis equation 0808.1

- UF - Non-equilibrium equation
- BT - Equations
- RT - Aquifer tests
- Artesian water
- Confined water
- Drawdown
- Groundwater movement
- Hydrologic models
- Permeability
- Storage coefficient
- Transmissivity
- Unsteady flow

Theodolites 0802

- BT - Equipment
- Instrumentation
- Optical instruments
- RT - Angles (geometry)
- Measuring instruments
- Optical measurement
- Position finding
- Sextants
- Surveying
- Surveying instruments

Theoretical analysis 1407

- RT - Evaluation
- Model studies
- Model tests
- Mohr failure theory
- Prototype tests
- Similitude
- Theory 1407
- Use of a more specific term is recommended
- NT - Brittle fracture theory
- Elastic theory
- Griffith theory
- Information theory
- Minimum weight theory
- Mohr failure theory
- Plastic theory
- Queueing theory
- Regime theory
- RT - Mathematical logic
- Research and development

Thermal analysis 1402

- BT - Analysis
- Analytical techniques
- NT - Differential thermal analysis
- RT - Calorimeters
- Chemical analysis
- Cooling
- Heating
- Phase diagrams
- Thermal decomposition
- Thermal properties
- Thermocouples
- Thermodynamics
- Thermographs

Thermal budget

- USE Heat budget

Thermal capacity 0704

- BT - Physical properties

- Thermal properties
- RT - Heat budget
- Latent heat
- Specific heat
- Temperature

Thermal conductivity 2013

- UF - Conductance (heat)
- Conductance (thermal)
- Conduction (heat)
- Conduction (thermal)
- Conductivity (heat)
- Conductivity (thermal)
- Convection (heat)
- Heat conduction
- Heat conductivity
- Heat convection
- BT - Conductivity
- Physical properties
- Thermal properties
- RT - Geothermal studies
- Heat flow
- Heat resistance (materials)
- Heat transfer
- High temperature research
- Rock properties
- Specific heat
- Temperature
- Thermal insulation
- Transport phenomena
- Water properties

Thermal decomposition 0704

- BT - Chemical reactions
- Decomposition
- RT - Heat resistance (materials)
- Thermal analysis
- Thermal properties

Thermal diffusion 0704

- BT - Chemical properties
- Diffusion
- Physical properties
- Thermal properties
- RT - Conduction
- Heat transfer
- Heat transmission
- Thermal expansion

Thermal energy 2013

- BT - Energy
- RT - Geothermal powerplants
- Heat
- Heat pumps
- High temperature
- Steam
- Steam turbines
- Thermal properties

Thermal expansion 2013

- UF - Heat expansion
- BT - Expansion
- Mechanical properties
- Physical properties
- Thermal properties
- RT - Expansion joints
- Expansive forces
- Heat transfer
- High temperature research
- Linear expansion
- Temperature
- Thermal diffusion
- Thermal stress

Thermal gradient 2013

- BT - Gradients
- RT - Air pollution
- Density currents
- Heat transfer
- Laminar boundary layers
- Multilevel outlets
- Ocean currents
- Oceanography
- Reservoir evaporation
- Reservoir operation
- Selective level releases
- Stratification
- Thermal properties
- Thermal stress

Thermal insulating compounds

- USE Thermal insulation

Thermal insulation 1107

- UF - Thermal insulating compounds
- Thermal insulators
- BT - Insulation
- RT - Asbestos
- Conductivity

- Cushioning
- Heating plants
- Heat resistance (materials)
- Heat transfer
- Heat transmission
- Temperature control
- Thermal conductivity
- Thermal properties

Thermal insulators

- USE Thermal insulation

Thermal pollution 1302.2

- UF - Heat pollution
- Pollution (thermal)
- BT - Air pollution
- Water pollution
- RT - Calcification
- Contamination
- Heat
- Heated water
- Hydroelectric powerplants
- Nuclear powerplants
- Path of pollutants
- Pollutant identification
- Pollutants
- Pollution abatement
- Stream pollution
- Temperature
- Thermal properties
- Waste heat

Thermal power 1001

- UF - Steam power
- BT - Electric power production
- Power
- RT - Boilers
- Electric power
- Geothermal powerplants
- Heat
- Heated water
- Nuclear powerplants
- Steam
- Steam turbines
- Thermal powerplants
- Thermal water
- Turbines

Thermal powerplants 1002.1

- UF - Steam plants
- Steam powerplants
- BT - Electric powerplants
- Industrial plants
- Powerplants
- RT - Buildings
- Electric power industry
- Electric power production
- Facilities
- Geothermal powerplants
- Nuclear powerplants
- Steam
- Steam turbines
- Thermal power

Thermal properties 2013

- UF - Heat properties
- BT - Physical properties
- Properties
- NT - Heat of hydration
- Heat resistance (materials)
- Latent heat
- Specific heat
- Thermal capacity
- Thermal conductivity
- Thermal diffusion
- Thermal expansion
- Vapor pressure
- Volatility
- RT - Ablation
- Boiling
- Calcification
- Calorimeters
- Chemical properties
- Concrete properties
- Electrical properties
- Emissivity
- Enthalpy
- Entropy
- Free energy
- Freezing
- Geothermal studies
- Heat
- Heat flow
- Heating
- Heat transfer
- Heat transfer coefficient
- Heat transmission
- High temperature
- High temperature research

THERMAL WATER

- Luminescence
- Magnetic properties
- Materials tests
- Mechanical properties
- Melting
- Phase diagrams
- Solubility
- Temperature
- Temperature inversions
- Temperature rise
- Temperature sensors
- Thermal analysis
- Thermal decomposition
- Thermal energy
- Thermal gradient
- Thermal insulation
- Thermal pollution
- Thermal radiation
- Thermal stratification
- Thermal stress
- Thermocouples
- Thermodynamic behavior
- Thermodynamics
- Thermoelectricity
- Vaporization

Thermal radiation 2013

- UF - Heat radiation
- BT - Radiation
- Transport phenomena
- RT - Heat
- Heat transfer
- High temperature
- High temperature research
- Infrared radiation
- Radiometers
- Radio waves
- Temperature
- Temperature sensors
- Thermal properties
- Thermographs
- Ultraviolet radiation

Thermal springs 0808.1

- BT - Bodies of water
- Running waters
- Springs (water)
- NT - Geysers
- Hot springs
- Warm springs
- RT - Mineral water
- Steam
- Streams
- Temperature
- Thermal water

Thermal stratification 0808

- BT - Stratification
- RT - Convection
- Density-flow
- Epilimnion
- Heat budget
- Hypolimnion
- Multilevel outlets
- Seasonal
- Selective level releases
- Temperature
- Temperature inversions
- Thermal properties
- Thermocline
- Turnovers
- Water circulation

Thermal stress 2013

- BT - Stress
- RT - Cooling
- Environmental engineering
- Expansive forces
- Fatigue (materials)
- Heating
- Heat resistance (materials)
- High temperature research
- Precooling
- Preheating
- Temperature
- Thermal expansion
- Thermal gradient
- Thermal properties

Thermal studies

- USE Geothermal studies

Thermal water 0808

- BT - Water types
- RT - Geysers
- Heated water
- Hot springs
- Mineral water
- Steam

THERMISTORS

Thermal water (Con.)

- Streams
- Temperature
- Thermal power
- Thermal springs
- Warm springs
- Water temperature

Thermistors 0901

- BT -Resistors
- RT -Electrical properties
- Electrical resistance
- Electrical resistivity
- Semiconductors
- Temperature
- Temperature sensors
- Variable resistors

Thermocline 0810

- UF -Temperature gradient
- RT -Environmental gradient
- Epilimnion
- Gradation
- Hypolimnion
- Lakes
- Limnology
- Reservoirs
- Temperature
- Thermal stratification

Thermocouples 1402

- BT -Detectors
- Measuring instruments
- Sensors
- Temperature sensors
- RT -Instrumentation
- Thermal analysis
- Thermal properties
- Thermoelectricity
- Thermographs

Thermodynamic behavior 2013

- BT -Behavior
- RT -Energy transfer
- Entropy
- Equilibrium
- Free energy
- Heat transfer
- High temperature research
- Physicochemical properties
- Thermal properties
- Thermodynamics

Thermodynamics 2013

- NT -Emissivity
- Heat transfer
- RT -Adiabatic
- Aerodynamics
- Aqueous solutions
- Energy
- Energy balance
- Energy transfer
- Enthalpy
- Entropy
- Equilibrium
- Free energy
- Freeze-thaw tests
- Freezing
- Heat
- Heat of hydration
- Heat resistance (materials)
- Mechanical engineering
- Nuclear engineering
- Physical chemistry
- Physicochemical properties
- Saline water systems
- Steam tables
- Temperature
- Thermal analysis
- Thermal properties
- Thermodynamic behavior

Thermoelectricity 2003

- UF -Electricity (thermal)
- RT -Heat
- Thermal properties
- Thermocouples

Thermogalvanic cells 1402

- BT -Instrumentation
- RT -Electrolytes
- Kinetics
- Temperature sensors

Thermographs 1402

- BT -Equipment
- Measuring instruments
- Test equipment
- RT -Calorimeters
- Diurnal variations

- Instrumentation
- Isotherms
- Measurement
- Recording systems
- Temperature
- Temperature control
- Temperature sensors
- Thermal analysis
- Thermal radiation
- Thermocouples
- Thermometers
- Thermostats

Thermometers 1402

- BT -Instrumentation
- Measuring instruments
- Sensors
- Temperature sensors
- RT -High temperature
- Temperature
- Thermographs

Thermoperiodism 0606

- RT -Biorhythms
- Diurnal
- Environments
- Heat balance
- Microenvironment
- Temperature

Thermophilic animals 0603.2

- BT -Animals
- RT -Animal groupings
- Aquatic animals
- Aquatic microorganisms
- Mites
- Protozoa
- Temperature

Thermophilic bacteria 0613

- BT -Aquatic bacteria
- Aquatic life
- Aquatic microorganisms
- Aquatic plants
- Bacteria
- Microorganisms
- Plants (botany)
- Seston
- RT -Anaerobic bacteria
- Lactobacillus
- Sludge digestion
- Streptococcus

Thermoplasticity

- USE Thermoplastic resins

Thermoplastic resins 1109

- UF -Thermoplasticity
- BT -Resins
- Synthetic resins
- NT -Nylon
- Polyethylene
- Polystyrene
- Polyvinyl alcohol
- Polyvinyl chloride
- RT -Plastics
- Polymers
- Polysulfide resins
- Polyurethane resins
- Thermosetting resins
- Vinyl resins

Thermosetting plastics

- USE Thermosetting resins

Thermosetting resins 1109

- UF -Thermosetting plastics
- BT -Resins
- Synthetic resins
- NT -Alkyd resins
- Epoxy resins
- Phenolic resins
- Polyester resins
- RT -Plastics
- Polymers
- Polysulfide resins
- Polyurethane resins
- Thermoplastic resins
- Vinyl resins

Thermostats 1402

- BT -Control equipment
- Electrical equipment
- Electric switches
- Equipment
- RT -Temperature
- Temperature control
- Temperature sensors
- Thermographs

THESAURUS OF WATER RESOURCES TERMS

Thesaurus 0502

- RT -Descriptors
- Dictionaries
- Documentation
- Indexes (documentation)
- Indexing
- Information retrieval
- Information science
- Keywords
- Nomenclatures
- Publications
- Subject indexing
- Vocabularies

Thickness 1407

- BT -Dimensions
- RT -Additives
- Dial gages
- Height
- Length
- Physical properties
- Thick plates
- Weight
- Width

Thick plates 1303

- RT -Flat plates
- Inspection
- Steel plates
- Thickness
- Thin plates
- Welded joints
- Welding

Thiells equation 0808.1

- UF -Equilibrium equation
- BT -Equations
- RT -Aquifer tests
- Artesian water
- Confined water
- Drawdown
- Groundwater movement
- Hydrologic models
- Permeability
- Thiem test
- Transmissivity

Thiem test 0808.1

- BT -Field investigations
- Field permeability tests
- Field tests
- In situ tests
- Permeability tests
- Tests

RT -Aquifers

- Aquifer tests
- Drawdown
- Flow
- Groundwater flow
- Pumping tests (wells)
- Thiells equation
- Wells

Thin arch dams 1313.1

- BT -Arch dams
- Concrete dams
- Concrete structures
- Dams
- Engineering structures
- Hydraulic structures
- RT -Concrete construction
- Dam construction
- Dam design
- Double-curvature arch dams
- Shell structures
- Thickness
- Trial-load method

Thin films 2012

- BT -Films
- RT -Coatings
- Desalination apparatus
- Linings
- Membranes
- Monomolecular films
- Protective coatings
- Thinness
- Vapor compression distillation

Thinness 1407

- BT -Dimensions
- RT -Height
- Length
- Physical properties
- Thin arch dams
- Thin films
- Thin plates
- Thin shell structures
- Weight

Width

Thin plates 1303

- BT -Plates
- RT -Flat plates
- Steel plates
- Thick plates
- Thinness
- Welded joints
- Welding

Thin shell structures 1313.5

- BT -Shell structures
- Structures
- RT -Cylindrical shells
- Domes (structural)
- High strength concretes
- Structural analysis
- Structural behavior
- Structural design
- Structural shapes
- Thickness

Thiobacillus ferrooxidans 0613

- BT -Bacteria
- Iron bacteria
- Microorganisms
- Plants (botany)
- Sulfate reducing bacteria
- RT -Acid bacteria
- Aerobic bacteria
- Aquatic bacteria
- Aquatic microorganisms
- Soil bacteria

Thiocarbamate pesticides 0606

- BT -Carbamate pesticides
- Chemicals
- Organic compounds
- Organic pesticides
- Pesticides

Thiophosphate pesticides

- USE Phosphothioate pesticides

Third party effects 0503

- BT -Effects
- RT -Economic impact
- Economics
- Indirect benefits
- Indirect costs
- Legal aspects
- Social aspects

Thixotropy 0704

- RT -Gels
- Non-Newtonian flow
- Paints
- Physical properties
- Rheology
- Setting (materials)
- Solubility
- Stiffness
- Viscosity

Three-dimensional 1407

- RT -One-dimensional
- Two-dimensional

Throttling 2111

- RT -Carburetors
- Thrust

Throughfall 0808

- RT -Canopy
- Interception
- Rainfall
- Stemflow

Thrust 2111

- RT -Aerodynamics
- Drag
- Throttling
- Thrust bearings

Thrust bearings 1309

- BT -Bearings
- RT -Bearing pressure
- Electric generators
- Roller bearings
- Thrust

Thunderstorms 0402

- BT -Storms
- RT -Cap clouds
- Cloudbursts
- Cloud modification
- Clouds
- Convection clouds

THESAURUS OF TERMS

Thunderstorms (Con.)

Cumulonimbus clouds
Flash floods
Gusts
Lightning
-Precipitation (atmospheric)
Rain
Storm structure
-Wind (meteorology)

Thyristors 0901
BT - Semiconductors
RT Rectifiers
Transistors

Tidal effects 0803
BT - Effects
RT Beach erosion
Bores (wave)
Intertidal areas
Mud flats
Ocean beaches
-Ocean currents
Sea level
Tidal hydraulics
Tidal waters
-Tides
Water level fluctuations
Wave generation

Tidal energy 0803
BT - Energy
RT - Electric power
-Electric powerplants
Potential hydropower
Pumped storage
-Surges
Tidal hydraulics
Tidal powerplants
-Tides

Tidal hydraulics 0803
BT - Fluid mechanics
-Hydraulics
RT Diurnal variations
-Ocean currents
-Saline water intrusion
Tidal effects
Tidal energy
Tidal powerplants
Tidal waters
-Tides
Tsunamis

Tidal marshes 0808
BT - Land forms
-Marshes
-Wetlands
RT - Bodies of water
Coastal marshes
Deltas
Guts
Mud flats
-Saline water intrusion
Salt marshes
Shallow water
-Tides

Tidal powerplants 1002.1
BT - Electric powerplants
-Industrial plants
-Powerplants
RT - Buildings
Electric power industry
-Electric power production
-Facilities
-Hydraulic structures
Jetties
Potential hydropower
Powerhouses
Tidal energy
Tidal hydraulics
-Tides

Tidal waters 0808
UF Tidewater
RT Continental shelf
High water mark
Low water mark
Ocean beaches
Tidal effects
Tidal hydraulics
-Tides
-Water types

Tides 0803
BT - Periodic variations
-Waves (water)
NT Wind tides
RT - Currents (water)

Diurnal
Diurnal variations
Estuaries
Flow profiles
Gradually varied flow
Inlets (waterways)
Intertidal areas
Littoral zone
Moon
Nertic
Ocean beaches
Ocean circulation
-Ocean currents
Oceanography
Oceans
-Ocean waves
-Saline water intrusion
Sea level
-Shores
Tidal effects
Tidal energy
Tidal hydraulics
Tidal marshes
Tidal powerplants
Tidal waters
-Water
-Wind (meteorology)

Tidewater
USE Tidal waters

Tie lines
USE Interconnected systems

Tie rods 1313
BT - Rods
RT Anchored bulkheads
-Anchors
-Formwork (construction)
Horizontal loads
-Supports

Tilapia 0603.2
BT - Animals
-Aquatic animals
-Aquatic life
-Cichlids
-Fish
-Freshwater fish
-Wildlife

Tile drainage 0808.1
BT - Drainage
-Subsurface drainage
RT Drainage engineering
Drainage practices
Tile drains

Tile drains 1313.3
BT - Drainage
-Drains
-Subsurface drains
RT Dewatering
-Disposal
Drainage costs
Drainage systems
Drain spacing
Drain tiles
French drains
Horizontal drains
Leaching
-Pipelines
-Pipes
-Subsurface drainage
Tile drainage
Tile spacing
Toe drains
Underdrains

Tiles 1303
(excludes pipes)
BT - Building materials
-Ceramic materials
-Construction materials
RT Bricks
Floors
Roofing materials

Tile spacing 0808.1
RT Drainage systems
Drain tiles
-Drawdown
Hydraulic conductivity
Tile drains
-Water table

Tillage
USE Cultivation

Tith
USE Soil structure

Tiltmeters 1402
BT - Equipment
-Indicators
-Instrumentation
-Measuring instruments
-Meters
-Test equipment
RT Deflection
-Earth movements
Inclinometers
Orientation
Slope indicators

Timber management
USE Forest management

Timber piles
USE Wooden piles

Timbers 1303
BT - Building materials
-Construction materials
-Materials
RT Composite beams
Lagging
Lumber
-Mines
-Mining
Shalls (mining)
Sheeting
Shoring
-Structural design
-Supports
Tunnel design
-Wood
Wooden bridges
Wooden piles
-Wooden structures
Wooden trestles
Wood preservatives
Wood wastes

Time 1407
BT - Dimensions
NT Loading time
RT Age
Annual
Creep
-Dating
Depth-area-duration analysis
Diurnal
Duration curves
Flow duration
Flow duration curves
-Frequency
Frequency curves
-Geologic time
Growing period
-Growth stages
History
Low frequency
Mass curves
Monthly
Nocturnal
-Rates
Seasonal
Sequence
Time lag
Time of concentration
Time series analysis
Timing
-Velocity

Time and motion studies 1401
UF Time saving methods
RT Cost savings
-Efficiencies
Human engineering
Industrial engineering
Industrial production
Management engineering
Manufacturing
Motion pictures
Performance
-Productivity
Work

Time delay
USE Timing circuits

Time interval counters
USE Timing circuits

Time lag 0808
UF Lag time
RT Delay circuits

Effective precipitation
Flood hydrographs
Flood peaks
-Hydrographs
Hysteresis
Precipitation excess
-Rainfall
Rainfall-runoff relationships
-Runoff
-Time

Time of concentration 0808

RT Drainage basins
Flood hydrographs
Flood peaks
Flood waves
Overland flow
Rational formula
Surface runoff
-Time
Unit hydrographs
-Watersheds (basins)

Time relays
USE Timing circuits

Timers
USE Timing circuits

Time saving methods
USE Time and motion studies

Time series analysis 1201
BT - Analysis
-Mathematical analysis
-Statistical analysis
RT Correlation
Curve fitting
-Discharge (water)
-Forecasting
Frequency analysis
-Hydrographs
-Mathematical analysis
-Mathematics
-Periodic variations
-Runoff
Runoff forecasting
Scheduling
Sequence
-Stochastic processes
-Streamflow
-Time

Time signals 1702
RT Telemetry systems

Timing 1407
RT Chronographs
Chronometers
-Clocks
Critical path method
Crop response
-Dating
Diurnal variations
Fertilization
Fluctuation
-Forecasting
-Frequency
-Growth stages
-Irrigation practices
Rates of application
Scheduling
Sequence
Supplemental irrigation
-Time
Weather patterns

Timing circuits 0905
UF Counters (time interval)
Delay (time)
Time delay
Time interval counters
Time relays
Timers
Timing devices
BT - Circuits

Timing devices
USE Timing circuits

Tin 0702
BT - Chemical elements
-Metals
RT Passive metals
Superconductors
-Tin alloys
Tin compounds

TIN ALLOYS

Tin alloys 1106

- BT -Alloys
- Metals
- NI -Bronzes
- RT -Bearings
- Soldering
- Tin

Tin compounds 0702 0703

- BT -Chemical compounds
- RT -Tin

Tires 1306

- RT -Automobiles
- Pneumatic tired rollers
- Rollers
- Tractors
- Vehicles
- Wheels

Titanium 0702

- BT -Chemical elements
- Metals
- RT -Titanium alloys
- Titanium compounds

Titanium alloys 1106

- BT -Alloys
- Heat resistant alloys
- Metals
- RT -Titanium

Titanium compounds 0702 0703

- BT -Chemical compounds
- RT -Titanium

Toads 0603.2

- BT -Amphibians
- Animals
- Wildlife
- RT -Aquatic animals

Tobacco 0204 0603.1

- UF -Nicotiana tabacum
- BT -Agronomic crops
- Crops
- Dicots
- Field crops
- Horticultural crops
- Plants (botany)

Toe drains 0808.1

- BT -Drains
- RT -Drain tiles
- Earth dams
- Filters
- Open drains
- Sand drains
- Seepage
- Seepage control
- Subsurface drains
- Tile drains
- Underseepage

Tolerances (mechanics) 1407

- RT -Acceptability
- Accuracy
- Clearances
- Codes
- Consistency
- Errors
- Hysteresis
- Inspection
- Quality control
- Reliability
- Reproducibility
- Specifications
- Stability
- Standards
- Static tests

Tolerances (plant) 0603.1

- UF -Plant tolerances
- BT -Resistance
- NT -Drought tolerance
- RT -Agronomy
- Drought resistance
- Heat resistance (biological)
- Herbicides
- Plant growth
- Plant physiology
- Toxicity

Tomatoes 0204 0603.1

- UF -Lycopersicon esculentum
- BT -Crops
- Dicots
- Field crops
- Horticultural crops

- Plants (botany)
- Vegetable crops

Tools

- USE Equipment

Topminnows

- USE Killifishes

Topographic mapping 0802

- UF -Contour mapping
- BT -Mapping
- RT -Aerial photography
- Contours
- Maps
- Photogrammetry
- Plane surveying
- Surveying
- Topographic surveys
- Topography

Topographic surveys 0802

- BT -Plane surveying
- Surveys
- RT -Aerial photography
- Aerial surveys
- First order surveys
- Geodetic surveys
- Hydrographic surveys
- Mapping
- Photogrammetry
- Reconnaissance surveys
- Topographic mapping
- Topography

Topography 0806

- UF -Relief
- RT -Climatology
- Contours
- Damsites
- Elevation
- Erosion
- Geodetic surveys
- Geomorphology
- Glacial geology
- Gradients
- Land forms
- Land use
- Mapping
- Morphology
- Mountains
- Orography
- Shape
- Slopes
- Stream drainage patterns
- Surveying
- Terrain
- Topographic mapping
- Topographic surveys
- Valleys

Topsoil 0807

- BT -Earth materials
- Materials
- Soils
- Soil types
- RT -Fertility
- Humus
- Loams
- Organic clays
- Organic matter
- Organic soils
- Soil classifications
- Soil horizons
- Soil management
- Soil profiles
- Soil surfaces
- Subsoil
- Surface runoff

Torches 1309

- UF -Cutting (torches)
- NT -Welding torches
- RT -Cutting
- Welding

Tornadoes 0402

- BT -Storms
- RT -Atmospheric pressure
- Cyclones
- Disasters
- Gusts
- Warning systems
- Wind (meteorology)
- Wind erosion

Torque 2011

- RT -Dynamometers
- Eccentric loading

-Loads (forces)

- Moments
- Rotation
- Shear tests
- Torsion
- Twisting
- Twisting stress

Torrid

- USE Tropic

Torsion 2011

- RT -Buckling
- Deflection
- Deformation
- Failure (mechanics)
- Rotation
- Strain
- Torque
- Torsion shear tests
- Twisting
- Twisting stress

Torsion shear tests 1402

- BT -Shear tests
- Tests
- RT -Drained shear tests
- Laboratory test
- Shear forces
- Shear strength
- Stress-strain curves
- Torsion
- Twisting
- Twisting stress
- Vane shear tests

Torts 0504.1

- BT -Civil law
- RT -Damages
- Judicial decisions
- Laws
- Legal aspects
- Liabilities

Total costs 1401

- BT -Costs
- RT -Construction costs
- Electric power costs
- Engineering costs
- Labor costs
- Unit costs

Total income

- USE Gross income

Total loads 2011

- BT -Loads (forces)
- RT -Axial loads
- Biaxial loads
- Cyclic loads
- Dead loads
- Dynamic loads
- Eccentric loading
- External forces
- Horizontal loads
- Internal forces
- Live loads
- Structural analysis
- Structural design
- Total stress
- Taxial loads
- Ultimate loads
- Vertical loads
- Weight

Total stress 2011

- BT -Stress
- RT -Compressive stress
- Effective stress
- External forces
- Internal forces
- Neutral stress
- Normal stress
- Pore pressure
- Tensile stress
- Total loads

Toughness 2012

- BT -Mechanical properties
- Physical properties
- RT -Abrasion resistance
- Brittleness
- Cohesion
- Ductility
- Hardness
- Impact tests
- Penetration resistance
- Tensile properties
- Wear resistance

Tourism 0503

- RT -Income
- National historic sites
- National monuments
- National parks
- Recreation
- Scenic highways

Towers 1313.5

- BT -Structures
- NT -Aluminum towers
- Anchored towers
- Guyed towers
- Transmission towers
- RT -Antennas
- Buildings
- Concrete tanks
- Intake structures
- Structural design
- Suspension bridges
- Tanks (containers)
- Wind bracing

Towing 1407

- RT -Cables
- Trailers
- Vehicles
- Wire rope

Toxicants

- USE Poisons

Toxicity 0620

- NT -Pesticide toxicity
- Phytotoxicity
- RT -Air pollution effects
- Bioassay
- Chemical properties
- Contamination
- Impurities
- Lethal limit
- Parasitism
- Pathology
- Pesticides
- Poisons
- Public health
- Radiation effects
- Radioactive contamination
- Safety
- Soil contamination effects
- Tolerances (plant)
- Toxic waste disposal
- Toxins
- Venoms
- Water pollution effects

Toxic waste disposal 1302.1

- BT -Disposal
- Waste disposal
- RT -Contamination
- Hazards
- Poisons
- Pollutants
- Pollution control
- Public health
- Toxicity
- Waste dilution
- Waste treatment

Toxins 0615

- BT -Chemicals
- Poisons
- NT -Algal toxins
- Fish toxins
- Venoms
- RT -Air pollution
- Inhibitors
- Lethal limit
- Mortality
- Pesticides
- Plant growth substances
- Poisonous plants
- Pollutants
- Sea nettles
- Soil contamination
- Stream pollution
- Toxicity
- Water pollution
- Water purification

Trace elements 0601 0616

- UF -Elements (trace)
- RT -Geochemistry
- Soil chemical properties
- Water analysis
- Water chemistry
- Water properties

THESAURUS OF TERMS

TRANSLATIONS

Tracers 1402

- NT Radioactive tracers
- RT -Detector:
 - Dye releases
 - Dyes
 - Fluorescein
 - Fluorescence
 - Indicators
 - Isotopes
 - Labels
 - Locating techniques
 - Marking techniques
 - Movement
 - Path of pollutants
 - Radioactive contamination
 - Radioactivity techniques
 - Radioecology
 - Radionuclides
 - Stable isotopes
 - Tagging
 - Tracking techniques
 - Translocation

Tracheids 0603.1

- BT -Plant tissues
- Vascular tissues
- Xylem

Tracking techniques 1402

- BT -Analytical techniques
- RT -Detectors
 - Dye releases
 - Marking techniques
 - Path of pollutants
 - Radioactive tracers
 - Radiotopes
 - Remote sensing
 - Telemetry
 - Tracers

Traction 1407

- RT -Friction
 - Friction coefficient (mechanical)
 - Motor vehicles
 - Trafficability
 - Vehicles

Tractive forces 0808

- UF Forces (tractive)
- NT Critical tractive force
- RT Bed load
 - Boundary shear
 - Degradation
 - External friction
 - Flow
 - Fluid mechanics
 - Hydraulics
 - Loads (forces)
 - Movable bed models
 - Movement
 - Running waters
 - Sediment load
 - Sedimentology
 - Sediment transport
 - Stable channels
 - Streambeds
 - Stream erosion
 - Streamflow

Tractors 1306

- BT -Construction equipment
- Equipment
- NT Bulldozers
- RT -Earth handling equipment
 - Excavators
 - Farm equipment
 - Motor vehicles
 - Tires

Trade associations 0501

- BT -Organizations
- RT Cooperatives
 - Economics
 - Employment
 - Labor unions

Traffic 1407

- RT Automobiles
 - Motor vehicle accidents
 - Motor vehicles

Trafficability 0813

- RT -Bearing capacity
 - Hauling
 - Pavements
 - Roads
 - Seal coat
 - Soil physical properties
 - Soil properties

Traction

Vehicles

Traffic accidents

USE Motor vehicle accidents

Trailers 1306

- RT Automobiles
 - Couplings
 - Motor vehicles
 - Skids
 - Sleds
 - Towing

Training 0509

- NT Management training
- Orientation
 - Abilities
 - Careers
 - Colleges
 - Education
 - Employee relations
 - Employment opportunities
 - Engineering education
 - Engineering personnel
 - Foreign activities
 - Instruction
 - Labor unions
 - Leadership
 - Learning
 - Management planning
 - Manpower
 - Manuals
 - Memory
 - Morale
 - Occupations
 - Personnel
 - Personnel management
 - Professional advancement
 - Professional development
 - Professional personnel
 - Programmed instruction
 - Programs
 - Schools (education)
 - Scientific personnel
 - Self-improvement
 - Students
 - Universities
 - Visual aids

Training walls 1313.1

- BT -Walls
- RT Approach channels
 - Entrance channels
 - Guide walls
 - Headwalls
 - Headworks
 - Intake channels
 - Intake transitions
 - Outlet works
 - Sluice gates
 - Spillway approach
 - Spillway piers
 - Spillways
 - Transitions (structures)

Tramways 1303

- RT Conveyances
 - Conveyors
 - Materials handling equipment
 - Railroads

Tranquil flow

USE Subcritical flow

Transducers 0901

- NT Piezoelectric transducers
- RT Accelerometers
 - Detectors
 - Dial gages
 - Extensometers
 - Gages
 - Indicators
 - Instrumentation
 - Meteorological instruments
 - Pressure cells
 - Pressure measuring instruments
 - Sensors
 - Strain gages
 - Telemetry systems

Transfer 1407

- NT -Energy transfer
 - Heat transfer
 - Interbasin water transfers
 - Mass transfer
 - Momentum transfer
 - Water transfer
- RT Circulation (plants)

Hydrologic cycle

- Ion exchange
- Kinetics
- Moisture uptake
- Movement
- Path of pollutants
- Sediment transport
- Translocation
- Transpiration
- Transportation

Transformations 1407

- UF Mathematical transformations
- NT Phase transformations
- RT -Conversion
 - Differential equations
 - Integrals
 - Linear algebra
 - Mathematical analysis
 - Mathematics

Transformer oils 1108

- BT -Oils
- RT Autotransformers
 - Circuit breakers
 - Electrical insulation
 - Electrical insulation tests
 - Insulating oil
 - Power transformers
 - Switchgear
 - Transformers

Transformers 0905

- BT -Electrical equipment
- Equipment
- NT Autotransformers
 - Current transformers
 - Instrument transformers
 - Potential transformers
 - Power transformers
- RT Circuit protection
 - Electrical grounding
 - Electric reactors
 - Impulse tests (electrical)
 - Induced currents
 - Induced voltage
 - Insulating oil
 - Substations (electrical)
 - Switchyards (electrical)
 - Transformer oils
 - Voltage regulators

Transient flow 2004

- BT -Flow
 - Fluid flow
 - Movement
- RT Aerodynamics
 - Critical flow
 - Fluid dynamics
 - Fluid friction
 - Hydraulics
 - Laminar flow
 - Non-uniform flow
 - Orifice flow
 - Pipe flow
 - Reynolds number
 - Steady flow
 - Streamflow
 - Subcritical flow
 - Supercritical flow
 - Transients
 - Turbulent flow
 - Uniform flow
 - Unsteady flow

Transients 1407

- RT Electrical stability
 - Flow
 - Groundwater movement
 - Non-uniform flow
 - Nuclear explosions
 - Overland flow
 - Sheet flow
 - Soil dynamics
 - Stability
 - Surges
 - Switching surges
 - Transient flow
 - Transient stability
 - Transient stress
 - Turbulent flow
 - Variability
 - Water hammer
 - Waveforms
 - Waves

Transient stability 2003

- BT -Stability
- RT -Disturbances

Power system stability

- Transients
 - Transmission (electrical)

Transient stress 2012

- BT -Stress
 - Cyclic loads
 - Dynamic loads
 - Earthquake loads
 - Impact loads
 - Seismic waves
 - Shock (mechanics)
 - Shock tests
 - Shock waves
 - Stress waves
 - Transients
 - Vibration

Transistors 0901

- BT -Semiconductors
- RT Amplifiers
 - Electric switches
 - Electrodes
 - Electronics
 - Integrated circuits
 - Rectifiers
 - Thyristors

Transition flow 2004

- UF Laminar-turbulent flow
- Turbulent-laminar flow
- BT -Flow
 - Fluid flow
 - Movement
- RT -Critical flow
 - Flow patterns
 - Froude number
 - Hydraulic jump
 - Laminar flow
 - Reynolds number
 - Turbulent flow

Transitions (structures) 1313.1

- NT Intake transitions
- RT Contraction
 - Cutoffs
 - Entrances (fluid flow)
 - Guide walls
 - Outlets
 - Pipelines
 - Sudden enlargements
 - Taper
 - Training walls

Transition zones 1313.1

- RT -Earth dams
 - Filters
 - Fluid filters
 - Impervious membranes
 - Pervious membranes
 - Rockfill dams
 - Sand filters
 - Seepage
 - Seepage control
 - Zoned embankments

Transit mixers 1303

- BT -Construction equipment
- Mixers
- RT Concrete mixes
 - Concrete plants

Translating 0507

- NT Machine translating
- RT Dictionaries
 - Documentation
 - Foreign research
 - Information science
 - Languages
 - Libraries
 - Translations

Translations 0507

- RT Abstracts
 - Data collections
 - Documentation
 - Editing
 - Foreign research
 - Information retrieval
 - Libraries
 - Publications
 - Records
 - Reviews
 - Technical papers
 - Technical societies
 - Technical writing
 - Translating

TRANSLATORY WAVES

Translatory waves 2004

- BT - Periodic variations
- Waves
- RT Flow rates
- Fluctuation
- Open channel flow

Translocation 0603.1

- RT Circulation (plants)
- Defoliation
- Desiccants
- Fertilizers
- Ion transport
- Mode of action
- Moisture uptake
- Movement
- Osmotic pressure
- Path of pollutants
- Persistence
- Pesticide kinetics
- Phloem
- Photosynthesis
- Plant physiology
- Sterilants
- Systemics
- Tracers
- Transfer
- Transpiration
- Xylem

Transmissibility

- USE Transmissivity

Transmissibility coefficient 0808.1

- RT - Aquifers
- Groundwater flow
- Groundwater movement
- Permeability

Transmission (electrical) 0901.1

- UF Electric power transmissions
- NT Tuned transmission
- RT Attenuation
- Buried cables
- Circuit protection
- Converters (electrical)
- Electrical design
- Electrical engineering
- Electrical faults
- Electrical insulators
- Electric cables
- Electric conductors
- Electric corona losses
- Electric networks
- Electric power
- Electric power distribution
- Electric power failure
- Electric power production
- Electric switches
- Extra high voltage
- Extra long distance
- Frequency stabilizers
- Ground return
- High voltage
- Interconnected systems
- Line switching
- Load-frequency control
- Loops (electrical)
- Mobile substations
- Oil-filled cables
- Overhead ground wire
- Power dispatching
- Power grids
- Power interchange
- Power loads
- Power pooling
- Power transformers
- Protective relaying
- Rural electrification
- Shunt reactors
- Shunt resistors
- Substations (electrical)
- Supervisory control (power)
- Switching
- Switchyards (electrical)
- Terminal facilities (electrical)
- Transient stability
- Transmission lines
- Transmission loss
- Ultra high voltage
- Underground cables
- Underground transmission lines
- Wood-pole transmission lines

Transmission lines 0901.1

- NT Submarine cables
- Underground transmission lines
- Wood-pole transmission lines
- RT Aeolian vibration

- Aluminum towers
- Anchored towers
- Circuits
- Electrical design
- Electrical engineering
- Electrical grounding
- Electrical insulators
- Electric cables
- Electric conductors
- Electric current
- Electric networks
- Electric power distribution
- Electric wire
- Extra high voltage
- Extra long distance
- Galloping conductors
- Guyed towers
- Helicopters
- High voltage
- Ice loads
- Interconnected systems
- Mobile substations
- Overhead ground wire
- Power cables
- Power grids
- Power interchange
- Powerline carriers
- Protection (electrical)
- Protective relaying
- Radio interference
- Rural electrification
- Sagging
- Shunt reactors
- Shunt resistors
- Stranded conductors
- Stringing
- Substations (electrical)
- Suspension insulators
- Switching
- Switchyards (electrical)
- System stability (electric)
- Terminal facilities (electrical)
- Transmission (electrical)
- Transmission loss
- Transmission towers
- Tuned transmission
- Ultra high voltage
- Vibration damping

Transmission loss 0901.1

- RT Attenuation
- Electric power distribution
- Electric power losses
- Power dispatching
- Transmission (electrical)
- Transmission lines
- Tuned transmission
- Voltage regulation
- Wood-pole transmission lines

Transmissions (mechanical) 1309

- RT Clutches (mechanical)
- Couplings
- Drives
- Gears
- Power transmission (mechanical)
- Shafts (machinery)
- Variable-speed drives

Transmission towers 1313.5

- BT - Towers
- RT Aeolian vibration
- Aluminum towers
- Anchored towers
- Antennas
- Auger-type footings
- Electricity
- Erection
- Footings
- Galloping conductors
- Grillage footings
- Guyed towers
- Pad footings
- Powerplants
- Pressed plate footings
- Steel structures
- Structural steel
- Transmission lines
- Wind pressure
- Wood-pole transmission lines

Transmissivity 0808.1

- UF Transmissibility
- BT - Hydrologic properties
- RT Aquifer characteristics
- Darcy's law
- Diffusivity
- Groundwater movement
- Permeability

THESAURUS OF WATER RESOURCES TERMS

- Physical properties
- Porous media
- Saturated flow
- Specific yield
- Storage coefficient
- Thiers equation
- Thiemes equation
- Visibility
- Wave propagation

Transmitters 1402

- BT - Instrumentation
- NT Radiosondes
- Repeaters (communications)
- RT Antennas
- Communication
- Microphones
- Pneumatic systems
- Radar
- Radios
- Receivers
- Signal generators
- Telephones
- Television
- Underwater television

Transpiration 1407

- RT - Absorption
- Air circulation
- Carbon cycle
- Circulation (animals)
- Circulation (plants)
- Climatology
- Consumptive use (water)
- Cuticle
- Cutting management
- Degree days
- Dehydration
- Drying
- Energy budget
- Epidermis
- Evaporation
- Evapotranspiration
- Exudation
- Genetics
- Hydrologic cycle
- Hydrologic equation
- Meteoric water
- Meteorology
- Microenvironment
- Moisture deficit
- Moisture uptake
- Phase studies
- Photosynthesis
- Phytometers
- Pores
- Potential evapotranspiration
- Respiration
- Riparian plants
- Riparian water loss
- Soil water movement
- Stomata
- Sweat
- Transfer
- Translocation
- Transpiration control
- Vaporization
- Water loss
- Wilting

Transpiration control 0204

- BT - Control
- RT Chemcontrol
- Evaporation control
- Evapotranspiration
- Evapotranspiration control
- Stomata
- Transpiration
- Water conservation
- Water utilization
- Water yield improvement

Transportation 1505

- UF Shipping
- NT Hydraulic transportation
- Water transportation
- RT Access roads
- Access routes
- Boats
- Canals
- Civil engineering
- Commerce
- Communication
- Conveyances
- Distribution
- Harbors
- Helicopters
- Highways
- Inland waterways

- Logistics
- Materials handling
- Mechanical equipment
- Navigation
- Railroads
- Recreation
- River basin development
- Roads
- Ships
- Sleets
- Submarine pipelines
- Transfer
- Waterways

Transport depletion 1302.5

- BT - Membrane processes
- Separation techniques
- RT Desalination processes
- Ion transport

Transport phenomena 2012

- NT Beta particles
- Conduction
- Convection
- Cooling
- Cosmic rays
- Diffusion
- Elastic waves
- Electromagnetic waves
- Energy transfer
- Heating
- Heat transfer
- Infrared radiation
- Ion diffusion
- Jet diffusion
- Mass transfer
- Momentum transfer
- Osmosis
- Radiation
- Radio waves
- Reverse osmosis
- Solar radiation
- Thermal radiation
- Ultraviolet radiation
- Viscous flow
- X-rays
- RT Laminar flow
- Momentum
- Thermal conductivity
- Turbulent flow
- Viscosity

Transverse joints 1305

- BT - Joints (connections)
- RT Circumferential joints
- Construction joints
- Contraction joints
- Dowels
- Expansion joints
- Floors
- Joint fillers
- Keyways
- Longitudinal joints
- Pavements
- Slabs
- Walls
- Water stops

Transverse waves 2011

- BT - Waves
- RT - Elastic waves
- Longitudinal waves
- Mechanical waves
- Seismic investigations
- Seismic waves
- Shear waves

Trap efficiency 0808

- RT Inflow
- Reservoir storage
- Retention
- Sediment production
- Sediment yield

Trapezoidal channels 1313.1

- UF Channels (trapezoidal)
- BT - Channels
- RT Canal design
- Canal embankments
- Canals
- Conveyance structures
- Noncircular conduits
- Open channel flow
- Open channels
- Trapezoidal flumes

Trapezoidal flumes 1313.1

- BT - Channels
- Conduits

THE SAURUS OF TERMS

Trapezoidal flumes (Con.)

- Flumes
- RT Aqueducts
- Conveyance structures
- Noncircular conduits
- Open channel flow
- Open channels
- Trapezoidal channels

Trapping 0603.2

- RT Bait traps
- Furbearers
- Marking techniques
- Nets

Treshacks 1313.1

- BT - Barriers
- Debris barriers
- RT - Hydraulic structures
- Intakes
- Intake structures
- Intake towers
- Outlet works
- Pump intakes
- Screening
- Screens
- Stainless steel
- Steel

Traveling cranes 1309

- BT - Construction equipment
- Cranes (hoists)
- Materials handling equipment
- RT - Hoisting machinery
- Overhead cranes

Travertine 0807

- BT - Carbonate minerals
- Minerals
- RT - Calcareous rocks
- Calcite
- Calcium carbonate
- Carbonate rocks
- Carbonates
- Hot springs
- Limestone
- Marble

Trawling 0511

- UF Trolling
- BT - Fishing
- RT - Nets

Treaties 0504

- NT International compacts
- RT - Export
- Foreign trade
- Foreign waters
- Import
- International waters
- Negotiations
- Tariff
- Water law

Treatment 1407

- NT Activated sludge
- Aerobic treatment
- Annealing
- Biological treatment
- Heat treatment
- Industrial waste treatment
- Pre-treatment (water)
- Sewage stabilization
- Sewage treatment
- Sludge treatment
- Soil treatment
- Solids contact process
- Stress relieving
- Tertiary treatment
- Waste treatment
- Waste water treatment
- Water pollution treatment
- Water purification
- Water softening
- Water treatment
- RT - Biodegradation
- Chlorination
- Cleaning
- Coagulation
- Demineralization
- Desalination
- Dilution
- Disinfection
- Disposal
- Exposure
- Foam fractionation
- Oxygenation
- Sanitary engineering
- Separation techniques
- Settling basins

- Surface sealing
- Trickling filters
- Water treatment plants

Treatment facilities 1308

- BT - Facilities
- RT - Cities
- Contamination
- Desalination plants
- Industrial plants
- Municipalities
- Sewage treatment plants
- Waste treatment
- Water pollution
- Water treatment
- Water treatment plants

Tree rings

- USE Dendrochronology

Trees 0206 0603.1

- BT - Plants (botany)
- NT Ash trees
- Balsam fir trees
- Birch trees
- Black locust trees
- Bristlecone pine trees
- Coniferous trees
- Cottonwoods
- Deciduous trees
- Douglas fir trees
- Fir trees
- Grand fir trees
- Hemlock trees
- Hickory trees
- Jack pine trees
- Juniper trees
- Loblolly pine trees
- Lodgepole pine trees
- Maple trees
- Noble fir trees
- Oak trees
- Pacific silver fir trees
- Pine trees
- Pinyon pine trees
- Ponderosa pine trees
- Red fir trees
- Red pine trees
- Scotch pine trees
- Sycamore trees
- White-cedar trees
- White fir trees
- White pine trees
- Willow trees
- Yellow pine trees
- RT - Amphibious plants
- Apples
- Bark
- Biology
- Chaparral
- Dates
- Dendrochronology
- Forestry
- Forests
- Grapefruit
- Hardwood
- Industrial crops
- Landscaping
- Lemons
- Limes
- Lumbering
- Macadamia
- Oranges
- Orchards
- Ornamentals
- Peaches
- Pecans
- Plant groupings
- Shelterbelts
- Softwood
- Windbreaks
- Wood

Trematodes 0603.2

- UF Cercariae
- Nematobothrium texomensis
- BT - Animal parasites
- Animals
- Invertebrates
- Parasites
- Worms
- RT - Aquatic animals

Tremie concrete 1303 1315

- BT - Building materials
- Concretes
- Construction materials
- RT - Concrete placing
- Pumped concrete

- Underwater construction
- Underwater foundations

Trenchers

- USE Excavators

Trenches 1302

- NT Cutoff trenches
- RT Backfills
- Blasting
- Cutoff walls
- Cuts
- Cut slopes
- Ditches
- Earthworks
- Excavation
- Exploration
- Explosive excavation
- Foundation investigations
- Pipe cover
- Pipe cradles
- Pipe laying
- Pipelines
- Pits
- Shoring
- Soil investigations
- Subsurface investigations
- Test holes
- Test pits

Trestles 1313.5

- BT - Engineering structures
- Structures
- NT Wooden trestles
- RT Benis (structural)
- Bracing
- Bridges (structures)
- Crossings
- Fixed structures
- Structural design
- Structural members
- Supports
- Wind bracing

Triel-load method 1313.1

- RT - Arch dams
- Concrete dams
- Dam foundations
- Double-curvature arch dams
- Stress
- Stress analysis
- Structural analysis
- Structural design
- Thin arch dams

Triangular weirs

- USE Vee-notched weirs

Triangulation nets 0802

- UF Triangulation stations
- BT - Nets
- RT Angles (geometry)
- Geodesy
- Geodetic surveys
- Maps
- Plane surveying
- Position finding
- Reservoir surveys
- Surveying

Triangulation stations

- USE Triangulation nets

Triaxial compression 2012

- BT - Axial compression
- Compression
- RT Biaxial compression
- Compression tests
- Compressive strength
- Compressive stress
- Shear tests
- Soil compression tests
- Strain
- Stress
- Triaxial loads
- Triaxial stress
- Triaxial tension
- Triaxial tests

Triaxial loads 2012

- BT - Axial loads
- Loads (forces)
- RT Biaxial loads
- Confining pressure
- Load distribution
- Strain
- Total loads
- Triaxial compression
- Triaxial shear

TRICKLING FILTERS

- Triaxial stress
- Triaxial tension
- Triaxial tests

Triaxial shear 2012

- BT - Axial shear
- Shear
- RT Biaxial shear
- Failure (mechanics)
- Shear distribution
- Shear forces
- Shear strength
- Shear tests
- Triaxial loads
- Triaxial stress
- Triaxial tension
- Triaxial tests

Triaxial stress 2012

- BT - Axial stress
- Stress
- RT Biaxial stress
- Normal stress
- Strain
- Triaxial compression
- Triaxial loads
- Triaxial shear
- Triaxial tension
- Triaxial tests

Triaxial tension 2012

- BT - Axial tension
- Tension
- RT Biaxial tension
- Strain
- Tensile strength
- Triaxial compression
- Triaxial loads
- Triaxial shear
- Triaxial stress
- Triaxial tests

Triaxial tests 1402

- BT - Materials tests
- Tests
- RT - Compression tests
- Confining pressure
- Laboratory tests
- Rock tests
- Shear tests
- Soil compression tests
- Soil tests
- Triaxial compression
- Triaxial loads
- Triaxial shear
- Triaxial stress
- Triaxial tension

Triazine pesticides 0606

- BT - Chemicals
- Organic pesticides
- Pesticides

Triazole pesticides 0606

- BT - Chemicals
- Organic pesticides
- Pesticides

Tributaries 0808

- BT - Bodies of water
- Running waters
- Streams
- Waterways
- RT Backwater
- Bayous
- Drainage density
- Fluvial morphology
- Junctions
- Rivers
- River systems
- Stream drainage patterns

Trickle irrigation 0203.1

- BT - Gravity irrigation
- Irrigation
- Irrigation systems
- Surface irrigation
- RT - Drops (fluids)
- Fertilizers
- Filters
- Plastic pipes
- Plastic tubing
- Valves
- Water meters

Trickling filters 1302.1

- BT - Filters
- Fluid filters
- RT Organic loading

TRIFURCATIONS

Trickling filters (Con.)

- Sand filters
- Sewage treatment
- Sewage treatment plants
- Sewage works
- Solids contact process
- Treatment
- Waste treatment

Tritolium (species unspecified)

USE Clovers

Tritolium incarnatum

USE Crimson clover

Tritolium pratense

USE Red clover

Tritolium repens

USE White clover

Trifurcations 1311.1 1313.3

- BT -Branches
- RT Bifurcations
- Canals
- Discharge lines
- Hydraulic models
- Hydraulic structures
- Junctions
- Penslocks
- Pipelines
- Small structures
- Wye branches

Trigonometry 1201

- BT -Mathematics
- RT Angles (geometry)
- Design
- Geometric shapes
- Geometry
- Highway engineering
- Position finding
- Road design
- Surveying

Tripton 0810

- BT -Aquatic drift
- Seston
- RT Flotsam
- Humus
- Organic matter
- Organic wastes
- Sediment load
- Sediments
- Sediment transport
- Suspension

Triticum aestivum

USE Wheat

Tritium 1802

- UF Hydrogen radioisotopes
- BT -Isotopes
- Radioisotopes
- RT Deuterium
- Fallout
- Hydrogen

Trotling

USE Trawling

Trophic level 0801

- RT Balance of nature
- Carnivores
- Cycles
- Ecosystems
- Eutrophication
- Food chains
- Herbivores
- Omnivores
- Productivity
- Standing crop

Tropic 0402

- UF Torrid
- RT Climatic zones
- Humid areas
- Humid climates
- Lateralities
- Pedalters
- Rain forests
- Regions
- Subtropic
- Tropical cyclones
- Wet climates

Tropical cyclones 0402

- BT -Storms
- NT Hurricanes
- Typhoons

- RT Disasters
- Extratropical cyclones
- Meteorology
- Oceans
- Rain
- Tropic
- Weather patterns
- Wind (meteorology)

Tropical fruits 0204

- BT -Crops
- Fruit crops
- Horticultural crops
- Plants (botany)
- RT -Dicots
- Monocots
- Plant groupings

Tropical regions 0806

- BT -Regions
- RT -Climatology
- Geography
- High temperature
- Lateralities

Tropisms 0606

- NT Geotropism
- Phototropism
- Rheotropism
- RT -Biology
- Environmental effects
- Physiological ecology

Troposphere 0401

BT -Atmosphere

Trout 0603.2

- BT -Animals
- Aquatic animals
- Aquatic life
- Cold-water fish
- Fish
- Pan fish
- Salmonids
- Wildlife
- NT Brook trout
- Brown trout
- Cutthroat trout
- Lake trout
- Rainbow trout
- RT Sport fish

Truck crops

USE Vegetable crops

Trucks

USE Vehicles

Trumpeter swan 0603.2

- UF Olor buccinator
- BT -Animals
- Birds
- Non-game birds
- Swans
- Wildlife

Truss bridges 1313.5

- BT -Bridges (structures)
- Engineering structures
- RT Bailey bridges
- Continuous trusses
- Highway bridges
- Railroad bridges
- Structural design
- Trusses
- Wooden bridges

Trusses 1313.5

- NT Arch trusses
- Continuous trusses
- RT Bays (structural)
- Bents (structural)
- Bracing
- Bridges (structures)
- Compression members
- Fixed structures
- Frames
- Gusset plates
- Joints (connections)
- Rigid frames
- Structural design
- Structural members
- Struts
- Truss bridges
- Wind bracing

Tsuga species

USE Hemlock trees

Tsunamis 0803

- BT -Ocean waves
- Waves
- Waves (water)
- RT Bore (wave)
- Earthquakes
- Ocean beaches
- Ocean circulation
- Oceanography
- Saline water intrusion
- Seismic design
- Seismic waves
- Tidal hydraulics
- Wave action
- Wave generation
- Wave height
- Wave run-up

Tubes 1311

- BT -Closed conduits
- Conduits
- NT Capillary tubes
- Cast iron pipe
- Copper tubing
- Corrugated metal pipe
- Draft tubes
- Flexible tubing
- Metal pipes
- Pilot tubes
- Plastic tubing
- Rigid tubing
- Rubber tubing
- Shock tubes
- Vortex tubes
- RT Aqueducts
- Casings
- Compression fittings
- Conveyance structures
- Hoses
- Manifolds
- Orifices
- Pipes
- Piping systems (mechanical)
- Siphons
- Structural shapes
- Tunnels

Tube turbines 1307.1

- BT -Hydraulic machinery
- Hydraulic turbines
- RT Turbine parts
- Turbine runners
- Turbines
- Turbine wheels

Tubificidae

USE Tubificids

Tubificids 0603.2

- UF Tubificidae
- BT -Animals
- Annelids
- Aquatic animals
- Aquatic life
- Benthic fauna
- Benthos
- Invertebrates
- Oligochaetes
- Worms

Tuff 0807

- BT -Crystalline rocks
- Rocks
- Volcanic rocks
- NT Sedimentary tuff
- RT -Igneous rocks
- Pumice
- Sedimentary rocks
- Volcanic ash

Tufes

USE Bulrush

Tundra 0806

- BT -Biomes
- Regions
- RT Arctic
- Climate
- Cold regions
- Frozen soils
- Permafrost
- Soil types
- Subarctic

Tuned transmission 0901.1

- BT -Transmission (electrical)
- RT Attenuation
- Electric power
- Transmission lines

Transmission loss

Tungsten 0702

- BT -Chemical elements
- Metals
- Refractory metals
- RT Tungsten alloys
- Tungsten compounds

Tungsten alloys 1106

- BT -Alloys
- Heat resistant alloys
- Metals
- RT -Steel
- Tungsten

Tungsten compounds 0702

- BT -Chemical compounds
- RT Tungsten

Tuning forks 2001

- BT -Resonators
- RT -Acoustics
- Natural frequency

Tunnel construction 1315

- UF Tunnel shafts
- BT -Construction
- Excavation
- NT Tunneling
- RT Adits
- Blasting
- Boring machines
- Compressed air
- Diversion tunnels
- Drainage
- Earth handling equipment
- Earth pressure
- Earthquake-resistant structures
- Excavators
- Explosives
- High explosives
- Jacking
- Lagging
- Liner plates
- Mining
- Overbreak
- Overexcavation
- Railroad tunnels
- Rock bolts
- Rock breakage
- Rock excavation
- Rock mechanics
- Rock pressures
- Roof bolts
- Roof supports
- Shafts (excavations)
- Shafts (mining)
- Shotcrete
- Skip forms
- Tunnel design
- Tunneling machines
- Tunnel linings
- Tunnel plugs
- Tunnel pressures
- Tunnels
- Underground explosions
- Underground powerplants
- Underground structures
- Underwater construction
- Vehicular tunnels
- Waste dumps
- Water tunnels (conveyance)

Tunnel design 1313.2

- BT -Design
- RT -Bends (hydraulic)
- Design criteria
- Diversion tunnels
- Mining engineering
- Pressure tunnels
- Railroad tunnels
- Rock bolts
- Rock mechanics
- Rock pressures
- Roof bolts
- Shafts (mining)
- Steel linings
- Structural design
- Timbers
- Tunnel construction
- Tunnel failure
- Tunnel hydraulics
- Tunneling
- Tunneling machines
- Tunnel linings
- Tunnel plugs
- Tunnel pressures
- Tunnels

THESAURUS OF TERMS

Tunnel design (Con.)

- Underground structures
- Vehicular tunnels
- Water tunnels (conveyance)

Tunnel diodes

- USE Solid state physics

Tunnel failure 1313.2

- BT -Failure
- RT Buckling
- Collapse
- Cracks
- Disasters
- Failure (mechanics)
- Heaving
- Railroad tunnels
- Rock competency
- Rock mechanics
- Rock noise
- Rock pressures
- Rockslides
- Tunnel design
- Tunnel linings
- Tunnel plugs
- Tunnels
- Water tunnels (conveyance)

Tunnel hydraulics 2004

- BT -Fluid mechanics
- Hydraulics
- RT Diversion tunnels
- Fluid mechanics
- Free flow
- Hydraulic structures
- Pressure tunnels
- Roughness (hydraulic)
- Roughness coefficient
- Steel linings
- Tunnel design
- Tunnel linings
- Tunnel pressures
- Tunnels
- Unlined tunnels
- Water tunnels (conveyance)

Tunneling 1315

- BT -Construction
- Excavation
- Tunnel construction
- RT Blasting
- Boring
- Boring machines
- Earthmoving
- Excavators
- Faults (geology)
- Fractures (geology)
- Heaving
- Jacking
- Joints (geology)
- Overbreak
- Railroad tunnels
- Rock bolts
- Rock breakage
- Rock competency
- Rock excavation
- Rock mechanics
- Rock noise
- Rock pressures
- Rock properties
- Roof bolts
- Roof supports
- Shields
- Smooth wall blasting
- Swelling pressure
- Tunnel design
- Tunneling machines
- Tunnels
- Vehicular tunnels
- Water tunnels (conveyance)

Tunneling machines 1303

- UF Motes
- BT -Construction equipment
- Drilling equipment
- Earth handling equipment
- Equipment
- Excavators
- Machines
- RT Boring machines
- Maintenance
- Railroad tunnels
- Rapid excavation
- Rock excavation
- Rotating machines
- Shields
- Tunnel construction
- Tunnel design
- Tunneling
- Tunnels

- Underwater construction
- Unlined tunnels
- Water tunnels (conveyance)

Tunnel linings 1313.2

- BT -Linings
- RT -Bracing
- Diversion tunnels
- Earth pressure
- Grouting
- Lagging
- liner plates
- Pressure tunnels
- Railroad tunnels
- Ribs
- Rigid linings
- Rockfalls
- Rock pressures
- Roughness
- Seepage
- Shotcrete
- Steel linings
- Structural behavior
- Struts
- Tunnel construction
- Tunnel design
- Tunnel failure
- Tunnel hydraulics
- Tunnel pressures
- Tunnels
- Tunnel supports
- Vehicular tunnels
- Water tunnels (conveyance)

Tunnel plugs 1313.2

- BT -Plugs
- RT Diversion tunnels
- Pressure tunnels
- Tunnel construction
- Tunnel design
- Tunnel failure
- Tunnel pressures
- Tunnels
- Water tunnels (conveyance)

Tunnel pressures 1313.2

- BT -Pressure
- RT Pressure tunnels
- Rock bolts
- Tunnel construction
- Tunnel design
- Tunnel hydraulics
- Tunnel linings
- Tunnel plugs
- Underground powerplants
- Underground structures
- Unlined tunnels
- Water tunnels (conveyance)
- Water tunnels (testing)

Tunnels 1313.2

- BT -Conduits
- Conveyance structures
- Underground structures
- NT Adits
- Burrows
- Diversion tunnels
- Pressure tunnels
- Railroad tunnels
- Unlined tunnels
- Vehicular tunnels
- Water tunnels (conveyance)
- Water tunnels (testing)
- RT Aqueducts
- Civil engineering
- Discharge lines
- Drift
- Entrances (fluid flow)
- Excavation
- Free flow
- Friction coefficient (hydraulic)
- Hydraulics
- Hydraulic structures
- Interbasin water transfers
- Jacking
- Jacking tests
- Lagging
- Manholes
- Mining engineering
- Noncircular conduits
- Outlet works
- Penstocks
- Relief vaults
- Roads
- Rock bolts
- Rock competency
- Rock mechanics
- Roof bolts
- Roof supports

- Semicircular sections
- Sewers
- Shalls (excavations)
- Shalls (mining)
- Shall spillways
- Shotcrete
- Side channel spillways
- Streets
- Structural behavior
- Tubes
- Tunnel construction
- Tunnel design
- Tunnel failure
- Tunnel hydraulics
- Tunneling
- Tunneling machines
- Tunnel linings
- Tunnel plugs
- Underground
- Underground openings
- Underground powerplants
- Water conveyance
- Water transportation

Tunnel shalls

- USE Tunnel construction

Tunnel supports 1313.2

- BT -Supports
- RT -Bracing
- Embedded metal
- Grouting
- Lagging
- liner plates
- Railroad tunnels
- Ribs
- Rock bolts
- Rock competency
- Roof bolts
- Shotcrete
- Struts
- Tunnel linings
- Unlined tunnels

Turbidimeters 1402

- BT -Equipment
- Instrumentation
- Measuring instruments
- Meters
- Test equipment
- RT Colloids
- Laboratory equipment
- Laboratory tests
- Light penetration
- Photometers
- Sediment samplers
- Suspended sediments
- Suspended solids

Turbidity 2006

- BT -Physical properties
- RT -Aquatic environment
- Bedload movement
- Clarity
- Colloids
- Density
- Haze
- Immiscibility
- Impaired water quality
- Light penetration
- Opacity
- Optical properties
- Suspended sediments
- Suspended solids
- Suspension
- Turbidly currents
- Water pollution effects
- Water properties
- Water quality

Turbidity currents 0803

- BT -Currents (water)
- Flow
- Fluid flow
- Movement
- RT Continental slope
- Density
- Density currents
- Erosion
- Ocean currents
- Reservoirs
- Slopes
- Stream erosion
- Turbidity

Turbine blades 1307.1

- RT Blades
- Critical speed
- Electric powerplants

TURBINES

- Hydraulic machinery
- Hydraulic turbines
- Hydroelectric powerplants
- Impellers
- Turbine parts
- Turbine runners
- Turbines
- Turbine wheels
- Water wheels

Turbine efficiency 1307.1

- BT -Efficiencies
- RT Chemical dilution method
- Critical speed
- Flow measurement
- Fluid flow
- Gibson method
- Hydraulic turbines
- Pressure head
- Reaction turbines
- Reversible turbines
- Salt velocity method
- Steam turbines
- Test procedures
- Velocity head

Turbine parts 1307.1

- RT Draft tubes
- Guide vanes
- Hydraulic turbines
- Nozzles
- Pump turbines
- Reaction turbines
- Rotors
- Seal rings
- Spiral cases
- Stay rings
- Stay vanes
- Tube turbines
- Turbine blades
- Turbine runners
- Turbine shalls
- Turbine wheels
- Wicket gates

Turbine runners 1307.1

- RT Critical speed
- Electric powerplants
- Hydraulic machinery
- Hydraulic turbines
- Hydroelectric powerplants
- Impellers
- Reaction turbines
- Reversible turbines
- Rotating components
- Specific speed
- Tube turbines
- Turbine blades
- Turbine parts
- Turbines
- Turbine shalls
- Turbine wheels
- Water wheels

Turbines 1307.1

- BT -Rotating machines
- NT Axial flow turbines
- Bulb turbines
- Deriaz pump turbine
- Francis turbines
- Hydraulic turbines
- Impulse turbines
- Kaplan turbines
- Pelton turbines
- Pump turbines
- Reaction turbines
- Reversible turbines
- Steam turbines
- RT Axial flow
- Blades
- Centrifugal pumps
- Draft tubes
- Electric power
- Electric powerplants
- Generators
- Governors
- Hydroelectric powerplants
- Impellers
- Nozzles
- Penstocks
- Propellers
- Pumps
- Rotors
- Spiral cases
- Stators
- Stay rings
- Stay vanes
- Tailrace
- Thermal power

TURBINE SHAFTS

Turbines (Con.)

Tube turbines
Turbine blades
Turbine runners
Turbine shafts
Turbine wheels
Turbogenerators
Water wheels

Turbine shafts 1307.1

BT—Shafts (machinery)
RT—Couplings
—Hydraulic turbines
Turbine parts
Turbine runners
—Turbines

Turbine wheels 1307.1

BT—Rotors
—Wheels
RT—Francis turbines
—Hydraulic turbines
Impulse turbines
Pelton turbines
—Pump turbines
Stators
Tube turbines
Turbine blades
Turbine parts
Turbine runners
—Turbines
Water wheels

Turbogenerators 1002

BT—Electric generators
—Generators
RT—Hydraulic turbines
Steam turbines
—Turbines

Turbulence 2004

RT—Air circulation
Air demand
—Air masses
Atmospheric motion
Bed load
Bridge piers
—Disturbances
Eddies
—Flow
—Fluid dynamics
—Fluid flow
Frazil ice
Gusts
—Hydraulics
—Mechanical properties
Mixing
Motion
—Movement
Recreation
Reynolds number
Roll waves
Rotational flow
Steady flow
—Storms
Turbulent flow
Vortices
Wakes
—Water circulation
Water properties
—Waves
—Waves (water)
—Wind (meteorology)

Turbulent boundary layers 2004

BT—Boundary layer
RT—Boundary shear
Laminar boundary layers
Turbulent flow

Turbulent flow 2004

BT—Flow
—Fluid flow
—Movement
RT—Aerodynamics
Bed load
Boundary shear
—Critical flow
Eddies
Flow distribution
Flow patterns
—Fluid dynamics
Fluid friction
Friction coefficient (hydraulic)
High velocity
Hydraulic jump
Laminar flow
—Losses
Mixing length
Non-uniform flow

Open channel flow

Orifice flow
Pipe flow
Reynolds number
Steady flow
Subcritical flow
Supercritical flow
Test canals
Transient flow
Transients
Transition flow
—Transport phenomena
Turbulence
Turbulent boundary layers
Two-phase flow
—Unsteady flow
Viscosity

Turbulent-laminar flow

USE Transition flow

Turf 0204

UF—Sod
RT—Clovers
Humic acids
Landscaping
Lawns
—Ornamentals
—Plants (botany)
Roadbanks
—Turf grasses
White clover

Turf grasses 0603.1

BT—Grasses
—Monocots
—Plants (botany)
NT—Merion bluegrass
RT—Agronomy
Bermudagrass
—Bluegrasses
Fescues
Horticulture
Kentucky bluegrass
Landscaping
Lawns
Perennial ryegrass
Plant groupings
Roadbanks
Turf

Turgidity 0603.1

RT—Moisture availability
Moisture uptake
Osmotic pressure
Plant physiology
Respiration

Turkeys

USE Poultry

Turnout gates 1313.7

UF—Head gates
BT—Gates
—Hydraulic gates
RT—Metergates
Slide gates
Sluice gates
Turnouts

Turnouts 1313.1

RT—Buried irrigation systems
—Gravity irrigation
—Irrigation canals
Irrigation ditches
Irrigation engineering
Turnout gates
Water distribution (applied)

Turnovers 0808

UF—Overturns
RT—Lakes
Meromixis
—Reservoirs
Seasonal
Thermal stratification
—Water circulation

Turtles 0603.2

BT—Animals
—Reptiles
—Wildlife
RT—Aquatic animals

Twisting 1308

RT—Bending
Bending moments
Bending stress
Buckling

—Deformation
Distortion (structural)
Eccentric loading
Rotation
Torque
Torsion
Torsion shear tests
Twisting stress

Twisting stress 2012

BT—Stress
RT—Bending moments
Bending stress
Rotation
Tangential stress
Torque
Torsion
Torsion shear tests
Twisting

Two-dimensional 1407

RT—One-dimensional
Three-dimensional

Two-part aquifers 0808.1

BT—Aquifers
RT—Aquicludes
Artesian water
Artesian wells
Flow patterns
—Groundwater
Groundwater recharge
Permeability
Porosity
Recharge wells
Saline water-freshwater interlaces
—Springs (water)
—Water table
—Water wells

Two-phase flow 2004

BT—Flow
—Fluid flow
—Movement
RT—Laminar flow
Steady flow
Turbulent flow

Typewriters

USE Office equipment

Typhoons 0402

BT—Storms
—Tropical cyclones
RT—Gusts
Hurricanes
Rain
—Wind (meteorology)

U

Ultimate disposal 1302.1

BT—Disposal
—Waste disposal
RT—Incineration
Liquid wastes
Radioactivity
—Solid wastes
Tertiary treatment
Waste storage
—Waste treatment

Ultimate loads 2011

BT—Loads (forces)
RT—Axial loads
Limit design
Load factors
Plastic theory
—Structural analysis
Structural behavior
—Structural design
Total loads
Ultimate strength design
Ultimate tensile strength

Ultimate strength design 1313.5

RT—Limit design
Optimum design
Plastic theory
—Structural analysis
Structural behavior

—Structural design
Ultimate loads
Ultimate tensile strength

Ultimate tensile strength 2012

BT—Mechanical properties
—Strength
—Tensile properties
—Tensile properties
—Tensile strength
RT—Destructive tests
—Physical properties
Poisson ratio
Stress-strain curves
Tensile stress
Tension tests
Ultimate loads
Ultimate strength design

Ultrabasic rocks 0807

BT—Crystalline rocks
—Igneous rocks
—Rocks
RT—Acidic rocks
—Basic rocks
—Intermediate rocks
—Plutonic rocks
—Volcanic rocks

Ultra high voltage 2003

BT—Electric potential
RT—Alternating current
Direct current
—Electrical equipment
Electrical grounding
—Electric power
Extra high voltage
—Interconnected systems
—Power transformers
Radio interference
—Transmission (electrical)
—Transmission lines

Ultrasonic radiation

USE Ultrasonics

Ultrasonics 2001

UF—Radiation (ultrasonics)
Ultrasonic radiation
RT—Acoustics
—Frequency
—Nondestructive tests
Resonance
Sonic velocity tests
—Sound waves
Ultrasonic tests

Ultrasonic tests 1402

BT—Materials tests
—Tests
RT—Acoustic equipment
—Acoustics
—Inspection
—Nondestructive tests
Sonic velocity tests
Sonoscopes
Ultrasonics

Ultraviolet radiation 2006

UF—Radiation (ultraviolet)
Ultraviolet rays
BT—Electromagnetic waves
—Radiation
—Transport phenomena
—Waves
RT—Electromagnetic wave filters
Light waves
Solar radiation
Thermal radiation

Ultraviolet rays

USE Ultraviolet radiation

Unappropriated water 0504.1

RT—Prior appropriation

Uncertainty

USE Risks

Unconfined aquifers

USE Aquifers

Unconfined compression 2012

UF—Unconfined compressive strength
BT—Compression
RT—Axial compression
—Compression tests
Compressive strength
Compressive stress

THESAURUS OF TERMS

Unconfined compression (Con.)

- Shear tests
- Soil compression tests
- Soil tests

Unconfined compressive strength

USE Unconfined compression

Unconfined water

USE Groundwater

Unconsolidated soils 0813

- BT -Earth materials
- Materials
- Soils
- RT -Alluvial deposits
- Loose soils
- Preconsolidation
- Preloading
- Settlement (structural)
- Subsidence
- Underconsolidation

Underconsolidation 0813

- BT -Consolidation
- RT -Overburden
- Overconsolidation
- Preconsolidation
- Preloading
- Settlement (structural)
- Soils
- Subsidence
- Unconsolidated soils

Underdeveloped countries

USE Developing countries

Underdrains 0808.1

- BT -Drainage
- Drains
- Subsurface drains
- RT -Dewatering
- Disposal
- Drainage systems
- Drain spacing
- Drain tiles
- Filters
- Fluid filters
- Horizontal drains
- Sand filters
- Tile drains
- Weephiles

Under-employment 0509

- BT -Employment
- RT -Employment opportunities

Underflow 0808.1

- BT -Groundwater
- Subsurface waters
- Water
- RT -Aquifers
- Cutoff trenches
- Cutoff walls
- Density currents
- Downstream
- Groundwater basins
- Movement
- Percolation
- Permeability
- Underground streams
- Water yield

Underground 1407

- RT -Cisterns
- Drilling
- Hydraulic mining
- Mining
- Root zone
- Submergence
- Subsurface drainage
- Subsurface investigations
- Subsurface irrigation
- Subsurface mapping
- Subsurface waters
- Tunnels
- Underground explosions
- Underground openings
- Underground powerplants
- Underground storage
- Underground streams
- Underground structures
- Wells

Underground cables 0901.1

- BT -Electric cables
- RT -Buried cables
- Dielectrics
- Electrical insulation
- Electric conductors

- Electric current
- Electric potential
- Power cables
- Submarine cables
- Transmission (electrical)
- Underground transmission lines

Underground corrosion 1113

- BT -Corrosion
- RT -Anaerobic soils
- Corrosion control
- Corrosion currents
- Corrosion environments
- Soil resistivity
- Stray current corrosion
- Underwater corrosion

Underground explosions 1315

- BT -Blasts
- Explosions
- RT -Blasting
- Explosive construction
- Explosive excavation
- Microseisms
- Mining
- Nuclear excavation
- Nuclear explosions
- Rapid excavation
- Seismic tests
- Seismic waves
- Shock waves
- Tunnel construction
- Underground

Underground flow

USE Groundwater flow

Underground openings 0807

- RT -Caves
- Cavities
- Drift
- Fissures
- Karst
- Mines
- Shafts (mining)
- Stopes
- Subsurface investigations
- Tunnels
- Underground
- Underground powerplants
- Underground streams
- Underground structures
- Wells

Underground powerplants 1313.5

- BT -Engineering structures
- Industrial plants
- Powerplants
- Structures
- RT -Electric power
- Electric powerplants
- Hydroelectric powerplants
- Penstocks
- Powerhouses
- Relief vaults
- Rock bolts
- Rock excavation
- Roof bolts
- Steel linings
- Tunnel construction
- Tunnel pressures
- Tunnels
- Underground
- Underground openings
- Underground structures
- Water tunnels (conveyance)

Underground reservoirs

USE Underground storage

Underground storage 0808.1

- UF -Underground reservoirs
- BT -Storage
- RT -Aquifers
- Buried structures
- Evaporation control
- Oil reservoirs
- Storage tanks
- Strip aquifers
- Underground
- Underground structures
- Usable storage

Underground streams 0808.1

- BT -Bodies of water
- Streams
- RT -Artesian aquifers
- Artesian water
- Bodies of water

- Confined water
- Groundwater basins
- Groundwater potential
- Hydrogeology
- Karst
- Percolating water
- Subsurface drainage
- Subsurface waters
- Underflow
- Underground
- Underground opening
- Water sources
- Waterways

Underground structures 1313.5

- BT -Structures
- NT -Adits
- Diversion tunnels
- Pressure tunnels
- Railroad tunnels
- Tunnels
- Unlined tunnels
- Vehicular tunnels
- Water tunnels (conveyance)
- RT -Buried irrigation systems
- Buried pipes
- Buried structures
- Manholes
- Powerhouses
- Rock bolts
- Rock excavation
- Rock mechanics
- Roof bolts
- Shelters
- Steel linings
- Tunnel construction
- Tunnel design
- Tunnel pressures
- Underground
- Underground openings
- Underground powerplants
- Underground storage

Underground transmission lines

- 0901.1
- BT -Transmission lines
- RT -Buried cables
- Dielectrics
- Electrical insulation
- Electric conductors
- Electric current
- Electric potential
- Submarine cables
- Transmission (electrical)
- Underground cables

Underground water

USE Groundwater

Underground water storage 0808.1

- BT -Storage
- RT -Aquifers
- Dead storage
- Evaporation control
- Groundwater
- Groundwater recharge
- Recharge wells
- Reservoirs
- Usable storage

Underseepage 0808.1

- UF -Piping (seepage)
- BT -Seepage
- RT -Curtains
- Curtain walls
- Cutoffs
- Cutoff trenches
- Cutoff walls
- Dam design
- Dam foundations
- Dams
- Dikes
- Earth dams
- Flow
- Flow nets
- Groundwater flow
- Groundwater movement
- Leakage
- Levees
- Percolation
- Permeability
- Piping (erosion)
- Relief wells
- Reservoir leakage
- Seepage losses
- Toe drains
- Water loss

UNDERWATER TELEVISION

Understocked

USE Stocking

Underwater 1407

- RT -Aquatic soils
- Benihos
- Caissons
- Drowned (submerged)
- Periphyton
- Submarines
- Submerged plants
- Swimming
- Underwater excavation

Underwater acoustics 2001

- UF -Acoustics (underwater)
- Underwater sound
- BT -Acoustics
- RT -Acoustic equipment
- Mechanical waves
- Sonar
- Sound
- Sound waves
- Wave propagation

Underwater construction 1315

- BT -Construction
- RT -Caissons
- Cuts
- Moistureproofing
- Scuba diving
- Submarine pipelines
- Tremie concrete
- Tunnel construction
- Tunneling machines
- Underwater excavation
- Underwater explosions
- Underwater foundations

Underwater corrosion 1113

- BT -Corrosion
- RT -Atmospheric corrosion
- Corrosion control
- Corrosion environments
- Sea water corrosion
- Underground corrosion

Underwater excavation 1315

- BT -Excavation
- NT -Dredging
- RT -Construction
- Dredges
- Earthworks
- Excavators
- Harbors
- Hydraulic excavation
- Hydraulic fills
- Submarine cables
- Submarine pipelines
- Underwater
- Underwater construction
- Underwater explosions
- Underwater foundations

Underwater explosions 1904

- BT -Blasts
- Explosions
- RT -Blasting
- Detonation
- Explosive construction
- Explosive excavation
- Harbors
- Nuclear explosions
- Rapid excavation
- Shock waves
- Underwater construction
- Underwater excavation

Underwater foundations 1313.6

- BT -Foundations
- RT -Bearing capacity
- Bearing values
- Bridge piers
- Caissons
- Footings
- Moistureproofing
- Ocean bottom
- Pile foundations
- Prepacked concrete
- Submergence
- Tremie concrete
- Underwater construction
- Underwater excavation

Underwater sound

USE Underwater acoustics

Underwater television 1702

BT -Television

UNDISTURBED SAMPLES

THESAURUS OF WATER RESOURCES TERMS

Underwater television (Con.)

RT -Cameras
Coaxial cables
-Inspection
Power cables
Scuba diving
-Transmitters

Undisturbed samples 0813

BT -Samples
RT Cores
Denison samplers
Disturbed samples
Drive samplers
Field density
Foundation investigations
In place density
Piston samplers
Remolded soil samples
-Samplers
-Sampling
Sediment sampling
Soil investigations
-Soil samplers
-Soil tests
Test specimens
Undisturbed soils

Undisturbed soils 0813

BT -Earth materials
-Materials
-Soils
RT In place density
-In situ tests
Soil maps
Undisturbed samples
Vane shear tests

Undrained shear tests 0813 1402

BT -Shear tests
-Soil tests
-Tests
NT Vane shear tests
RT Cohesion
Drained shear tests
Negative pore pressure
Soil compression tests

Unemployment 0503

BT -Employment
RT Compensation
-Insurance
Welfare (economics)

Unfree water

USE Bound water

Unified soil classifications

USE Soil classifications

Uniform flow 2004

BT -Flow
-Fluid flow
-Movement
RT Chezy equation
Darcy-Weisbach equation
Flow patterns
-Fluid dynamics
Fluid friction
Gradually varied flow
Heat transmission
Kutter formula
Laminar flow
Manning's equation
Moody resistance diagrams
Non-uniform flow
Pipe flow
Steady flow
Transient flow

Uniformity coefficient 0813

UF Discharge coefficients
BT -Coefficients
RT Gradation
-Gradation analysis
Grain sizes
Particle size
-Sediments
Sieve analysis
Soil analysis
Soil classifications
-Soil physical properties
Soil texture

Uniform soil moisture conditions

USE Soil moisture

Unit costs 1401

BT -Costs
RT Bids

Comparative costs
Competitive bidding
-Cost analysis
Cost comparisons
Cost savings
Engineering costs
Engineers estimates
Expenditures
Financial analysis
Labor costs
Operating costs
-Prices
Total costs
Variable costs

United states 0806

BT -Geographical regions
RT Federal government

United states government C504

BT -Governments
RT Federal agencies
Federal budgets
Federal government
Federal project policy
-Federal reservations
Federal-state water rights conflicts
Government employees
Government supports
State governments
State jurisdiction

Unit hydrographs 0808

UF S-hydrographs
Synthetic hydrographs
BT -Hydrographs
RT Hydrograph analysis
River forecasting
Storm runoff
Streamflow forecasting
Surface runoff
Time of concentration

Unit water content

USE Moisture content

Unit weight 1407

BT -Physical properties
-Weight
RT Acceptance tests
-Density
Dry density
In place density
Relative density
Rock density
Specific gravity
Volume
Wet weight

Unit weight (dry)

USE Dry density

Universal joints 1305

BT -Joints (connections)
RT -Drives
Flexible couplings
Mechanical equipment
Power transmission (mechanical)
-Shafts (machinery)

Universities 0509

BT -Schools (education)
RT Allotments
Colleges
-Education
Engineering education
-Facilities
Learning
-Organizations
-Professional personnel
Students
-Training

Unlined canals 1313.1

BT -Canals
-Channels
-Conduits
-Open channels
RT Canal construction
Canal design
Canal embankments
Canal seepage
-Ditches
Earth-lined canals
-Irrigation canals
-Laterals
-Lined canals
Sublaterals

Unlined tunnels 1313.2

BT -Conduits
-Tunnels
-Underground structures
RT Adits
Diversion tunnels
-Drainage
-Drift
Drift mining
Fractures (geology)
Friction coefficient (hydraulic)
-Groundwater
-Grouting
Head losses
-Igneous rocks
Joints (geology)
Overbreak
-Rock bolts
Rock competency
-Roughness
Tunnel hydraulics
Tunneling machines
Tunnel pressures
Tunnel supports
Ventilation
-Water tunnels (conveyance)

Unsaturated 1407

RT -Unsaturated flow
Unsaturated soils

Unsaturated flow 0808.1

BT -Flow
-Movement
NT Capillary action
Percolation
RT Capillary
Capillary conductivity
-Drainage
Flow patterns
Infiltration
Infiltration rate
Permeability
Soil water movement
-Subsurface drainage
Unsaturated
Unsaturated soils
-Zone of aeration

Unsaturated soils 0813

BT -Earth materials
-Materials
-Soils
RT Moist condition
-Moisture content
Negative pore pressure
Saturated soils
-Soil water
Unsaturated
Unsaturated flow
-Water content

Unsteady flow 2004

UF Nonsteady flow
BT -Flow
-Fluid flow
-Movement
NT Overland flow
RT Aerodynamics
Flow patterns
-Fluid dynamics
Fluid friction
Groundwater movement
Heat transmission
Laminar flow
Non-uniform flow
Orifice flow
Pipe flow
Resistance networks
Sheet flow
Slug flow
Steady flow
Theis equation
Transient flow
Turbulent flow

Unwatering

USE Dewatering

Uplift (hydrostatic)

USE Uplift pressure

Uplift footings 1313.6

BT -Footings
-Foundations
RT -Anchors
Auger-type footings
Belled anchors
Belled footings

Pressed plate footings
Pull-out tests
Uplift pressure
Uplift resistance
Vertical loads

Uplift pressure 0813

UF Hydraulic uplift
Hydrostatic uplift
Uplift (hydrostatic)
BT -Pressure
RT Buoyancy
Dam design
Dam failure
-Dams
Dam stability
Diversion dams
-Earth pressure
-Expansive clays
-Expansive soils
-Flotation
-Grouting
Grouting pressure
Hydrostatic pressure
-Negative pressure
-Pore pressure
Pore water pressure
Pressure head
Soil pressure
Uplift footings
Uplift resistance
-Water pressure

Uplift resistance 0813

BT -Resistance
RT -Anchors
Belled anchors
Belled footings
Friction piles
Pile extraction
Pile friction
Pile tests
Pressed plate footings
Pull-out tests
-Pull tests
Skin friction
Uplift footings
Uplift pressure
Vertical loads
-Weight

Upper atmosphere 0401

UF Van allen belt
BT -Atmosphere

Upstream 0808

RT Downstream
Headwaters
-Streams

Uracil pesticides 0606

BT -Chemicals
-Organic pesticides
-Pesticides

Uranium radiolotopes 1802

BT -Isotopes
-Radiolotopes
RT Radioactive dating

Urban areas 0511

RT Cities
Community development
-Industries
Municipalities
Municipal wastes
Municipal water
Sewers
Urbanization
Urban renewal
Urban sociology
-Utilities
-Wastes

Urbanization 0511

UF Suburban studies
RT Cities
City planning
Community development
Drainage systems
-Economics
Human population
Land use
Lawns
Municipalities
Public health
-Roads
Sewers
-Sociology

THESAURUS OF TERMS

Urbanization (Con.)

Storm drains
Storm runoff
Urban areas
Urban renewal
Urban sociology
Utilities
Water resources development
Zoning

Urban planning

USE City planning

Urban renewal 0511 1302

UF Slum clearance
RT Aesthetics
Area redevelopment
City planning
Community development
Relocation
Urban areas
Urbanization
Urban sociology

Urban sociology 0511

BT Social aspects
Social sciences
Sociology
RT Area redevelopment
City planning
Community development
Rural sociology
Social mobility
Urban areas
Urbanization
Urban renewal

Urea pesticides 0506

UF Substituted urea pesticides
BT Chemical compounds
Chemicals
Nitrogen compounds
Organic pesticides
Pesticides
Ureas
NT Monuron
RT Herbicides

Ureas 0703

BT Chemical compounds
Nitrogen compounds
Organic compounds
NT Monuron
Urea pesticides
RT Fertilizers
Urine

Urine 0616

BT Chemical compounds
Nitrogen compounds
Organic compounds
Wastes
RT Domestic wastes
Farm wastes
Sewage
Ureas
Water pollution sources

Usable storage 0808.1 1302.6

BT Storage
RT Reservoirs
Underground storage
Underground water storage
Water levels

Use of water

USE Water utilization

Use rates 0808

BT Rates
NT Water rates
RT Recreation
Water utilization

Usufructuary right 0504.1

RT Riparian rights

Utah 0806

BT Geographical regions
States (geographical)
RT Reclamation states

Utilities 1302

NT Electric utilities
Public utilities
Sewage treatment plants
Water treatment plants
Waterworks
RT Cities
Electricity

Electric networks
Electric power
Electric power industry
Facilities
Industrial water
Industries
Municipalities
Public utility districts
Rates
River basin development
Sewage districts
Sewers
Urban areas
Urbanization
Water consumption
Water control
Water distribution (applied)
Water rates
Water utilization

RT Compressors
Ejectors
Low pressure
Negative pressure
Subatmospheric pressure
Vacuum

Vacuum seals

USE Vacuum apparatus

Vadose water 0807

UF Argic water
Kremasic water
BT Soil water
Subsurface waters
Water
Water types
NT Adsorbed water
Capillary water
Excess water (soils)
Fringe water
Hygroscopic water
RT Gravitational water
Hydrogeology
Meteoritic water
Percolation
Subsurface flow
Zone of aeration

Valleys 0906

BT Land forms
NT Stream valley
RT Canyons
Catchments
Erosion
Geomorphology
Glaciation
Large watersheds
Mountains
Ravines
Regions
River basins
Rivers
Slopes
Stream channels
Streams
Structural geology
Terrain
Thalweg
Topography
Watersheds (basins)
Watersheds (divides)

Value 0503

UF Monetary value
Worth
NT Condemnation value
Market value
Peak values
Property values
Salvage value
Social values
Water values
RT Aesthetics
Appraisals
Assessments
Altitudes
Crop production
Depreciation
Economic efficiency
Economic life
Economic rent
Economics
Engineering obsolescence
Equipment costs
Estimating
Evaluation
Land appraisal
Marginal utility
Monetary benefits
Motivation
Objectives
Prices
Pricing
Productivity
Psychology
Real property
Value engineering

Value added

USE Appreciation

Value engineering 1401

BT Engineering
RT Cost analysis
Costs
Cost savings
Depreciation

VANE SHEAR TESTS

Economic efficiency
Economics
Economies
Engineering costs
Engineering economy
Equipment costs
Evaluation
Feasibility
Industrial engineering
Labor savings
Management engineering
Optimum design
Planning
Production planning
Profit
Quality control
Return (monetary)
Value

Valves 1311

UF Faucets
NT Alfalfa valves
Butterfly valves
Check valves
Flap valves
Gate valves
Globe valves
High pressure valves
Hollow jet valves
Hydraulic valves
Needle valves
Plug valves
Pressure regulators
Relief valves
Sleeve valves
RT Closures
Cutoffs
Diversion works
Farm equipment
Flow
Flow control
Gates
Hydraulic gates
Hydraulic structures
Locks (waterways)
Plumbing
Regulation
Seals (stoppers)
Seats
Sluices
Trickle irrigation
Vacuum breakers
Water hammer

Vanadium 0702

BT Chemical elements
Metals
RT Refractory metals
Superconductors
Vanadium alloys
Vanadium compounds

Vanadium alloys 1106

BT Alloys
Metals
RT Steel
Vanadium

Vanadium compounds 0702 0703

BT Chemical compounds
RT Vanadium

Van allen belt

USE Upper atmosphere

Vanes 1307.1

NT Guide vanes
Stay vanes
RT Blades
Deflectors
Fins
Flow deflectors
Hydraulic turbines
Impellers
Pumps
Stators
Vane shear tests

Vane shear tests 1402

BT In situ tests
Shear tests
Soil tests
Tests
Undrained shear tests
RT Circumferential stress
Direct shear
Field data
Field investigations
Field tests

V

Vaccinium macrocarpum

USE Cranberries

Vaccinium species

USE Blueberries

Vacuum 2004

NT Negative pressure
Subatmospheric pressure
Vapor pressure
RT Cavitation
Low pressure
Pressure
Suction
Vacuum apparatus
Vacuum breakers
Vacuum concrete
Vacuum drying
Vacuum pumps

Vacuum apparatus 1402

UF Apparatus (vacuum)
Vacuum gages
Vacuum seals
NT Vacuum pumps
RT Compressors
Laboratory equipment
Low pressure
Pressure gages
Pressure measuring instruments
Pumps
Subatmospheric pressure
Test facilities
Vacuum
Vacuum drying

Vacuum breakers 1313.3

RT Penstocks
Pipelines
Pumping plants
Siphons
Subatmospheric pressure
Vacuum
Valves
Vents

Vacuum concrete 1303.1

BT Building materials
Concretes
Construction materials
RT Concrete placing
Concrete technology
Vacuum

Vacuum drying 1308

BT Drying
RT Dehydration
Forced drying
Freeze drying
Subatmospheric pressure
Vacuum
Vacuum apparatus

Vacuum gages

USE Vacuum apparatus

Vacuum pumps 1311

BT Pumps
Vacuum apparatus

VAPOR COMPRESSION DISTILLATION

THESAURUS OF WATER RESOURCES TERMS

Vane shear tests (Con.)

- Finegrained soils
- Foundation investigations
- Laboratory tests
- Shear strength
- Stress-strain curves
- Torsion shear tests
- Undisturbed soils
- Vaness

Vapor compression distillation

- 1302.5
- BT -Distillation
- Separation techniques
- RT Desalination processes
- Thin films

Vaporization 0704

- NT Boiling
- Evaporation
- RT Ablation
- Carburetors
- Desalination
- Distillation
- Heating
- Latent heat
- Liquid-gas interfaces
- Liquid-vapor interfaces
- Multistage flash distillation
- Nuclear desalting
- Separation
- Thermal properties
- Transpiration
- Vapor pressure
- Vapors
- Volatility

Vapor pressure 0704

- BT -Physical properties
- Pressure
- Thermal properties
- Vacuum
- RT -Atmosphere
- Cavitation index
- Evaporation
- Humidity
- Hydrostatic pressure
- Liquid-gas interfaces
- Liquid-vapor interfaces
- Potential evaporation
- Soil physical properties
- Subatmospheric pressure
- Sublimation
- Temperature
- Vaporization
- Volatility
- Water properties
- Water vapor

Vapors 0704

- BT -Fluids
- Gases
- NT Precipitable water
- Water vapor
- RT -Liquid-gas interfaces
- Liquid-vapor interfaces
- Smog
- Smoke
- Vaporization

Variability 1407

- RT Average
- Coefficients
- Consistency
- Correlation
- Correlation analysis
- Eccentricity
- Fluctuation
- Heterogeneity
- Homogeneity
- Periodic variations
- Quality control
- Regression analysis
- Reliability
- Reproducibility
- Sampling
- Standard deviation
- Standards
- Statistical quality control
- Transients
- Water level fluctuations

Variable costs 1401

- BT -Costs
- RT Fixed costs
- Indirect costs
- Operating costs
- Overhead costs
- Unit costs

Variable resistors 0901

- UF Rheostats
- BT -Resistors
- RT -Electrical equipment
- Electronic equipment
- Potentiometers
- Thermistors

Variable-speed drives 1309

- BT -Drives
- RT Cams
- Clutches (mechanical)
- Gears
- Mechanical control
- Power transmission (mechanical)
- Transmissions (mechanical)

Variation coefficients 1201

- BT -Coefficients
- RT Homogeneity
- Standard deviation

Varieties 1407

- RT -Crops
- Phylogeny
- Plants (botany)
- Speciation
- Systematics

Varnishes 1103

- BT -Building materials
- Coatings
- Construction materials
- Finishes
- RT Enamels
- Lacquers
- Linseed oil
- Painting
- Paints
- Primers (coatings)
- Protective coatings
- Resins
- Sealants
- Wood preservatives

Varved clays

- USE Clays

Varves 0807

- BT -Geologic structures
- RT Annual
- Beds
- Geologic formations
- Lacustrine deposits
- Laminates
- Marine clays
- Seasonal
- Sedimentation
- Sediment deposits
- Sediments

Vascular plants

- USE Plants (botany)

Vascular tissues 0603.1

- UF Woody tissues
- BT -Plant tissues
- NT Bark
- Fibers (plant)
- Phloem
- Tracheids
- Xylem
- RT Cellulose
- Lignins
- Plant morphology
- Plant physiology

Vector analysis 1201

- BT -Analysis
- Calculus
- Mathematics
- RT -Differential equations
- Geometry
- Gradients
- Graphical analysis
- Linear algebra
- Matrix algebra
- Statistical analysis
- Tensor analysis

Vectors (biology) 0613

- RT -Diseases
- Insects
- Microorganisms
- Pathology
- Public health

Vee-notched weirs 1402

- UF Triangular weirs

BT -Weirs

- RT Broad-crested weirs
- Cipolletti weirs
- Discharge measurement
- Flow measurement
- Rectangular weirs
- Sharp crested weirs
- Staff gages
- Submerged weirs
- Vena contracta
- Weir crests
- Weir gages
- Weir ponds

Vegetable crops 0204

- UF Truck crops
- Vegetables
- BT -Crops
- Field crops
- Horticultural crops
- Plants (botany)
- NT Asparagus
- Beans
- Carrots
- Lettuce
- Onions
- Potatoes
- Sweet corn
- Sweet potatoes
- Tomatoes
- RT Crop response
- Plant groupings

Vegetables

- USE Vegetable crops

Vegetal covc: 0603.1

- NT Nesting cover
- Shore-line cover
- RT -Forests
- Grasslands
- Protective coverings
- Ranges
- Vegetation
- Weed growth

Vegetation 0603.1

- UF Plant life
- RT Agriculture
- Control
- Cropping patterns
- Crop production
- Crop response
- Crops
- Crop yield
- Forests
- Grasslands
- Ground cover
- Herbivores
- Land resources
- Nesting cover
- Plant groupings
- Plants (botany)
- Potential evapotranspiration
- Ranges
- Revegetation
- Shore-line cover
- Terraces
- Vegetal cover
- Vegetation effects
- Vegetation establishment
- Vegetation regrowth
- Weed growth

Vegetation effects 0606 0808

- UF Ground cover effects
- BT -Effects
- Environmental effects
- RT Autogenic succession
- Bank erosion
- Drainage density
- Fish and wildlife
- Fouling
- Infiltration
- Plants (botany)
- Rainfall-runoff relationships
- Retardance
- Runoff
- Sea breezes
- Sediment production
- Sediment yield
- Sheet erosion
- Soil surfaces
- Surface runoff
- Vegetation
- Water yield
- Water yield improvement
- Weathering
- Weeds

-Wildlife

- Wind erosion

Vegetation establishment 0204

- UF Immigration (plant)
- NT Reforestation
- RT Bank protection
- Bank stabilization
- Canopy
- Ecotypes
- Erosion control
- Germination
- Highway beautification
- Highways
- Invasion
- Land management
- Landscaping
- Marsh management
- Planting management
- Plants (botany)
- Range management
- Revegetation
- Rhizomes
- Roadbanks
- Roads
- Seeding
- Slope protection
- Slope stability
- Slope stabilization
- Soil conservation
- Soil erosion
- Soil surfaces
- Spoil banks
- Vegetation
- Weed growth

Vegetation regrowth 0204

- UF Regrowth (vegetation)
- Stooling
- Suckering
- BT -Growth
- Plant growth
- RT Clear-cutting
- Cutting management
- Forest management
- Pasture management
- Plants (botany)
- Range management
- Revegetation
- Vegetation
- Weed control
- Weed growth
- Wildlife management

Vehicles 1306

- UF Cars (not automobiles).
- Trucks
- RT -Aircraft
- Automobiles
- Boats
- Motor vehicles
- Parking areas
- Tires
- Towing
- Traction
- Trafficability
- Wrecks

Vehicular tunnels 1313.2

- BT -Tunnels
- Underground structures
- RT -Excavation
- Highway engineering
- Highways
- Lighting
- Railroad relocation
- Railroad tunnels
- Rock bolts
- Tunnel construction
- Tunnel design
- Tunneling
- Tunnel linings
- Ventilation

Velocity 1407

- UF Speed
- NT Critical velocity
- High velocity
- Seismic velocity
- Settling velocity
- Wave velocity
- Wind velocity
- RT -Acceleration (physics)
- Anemometers
- Bed movements
- Bed ripples
- Celerity
- Current meters
- Dynamics

THESAURUS OF TERMS

Velocity (Con.)

Dynamometers
Energy equation
Energy gradient
Flow measurement
-Flowmeters
-Fluid flow
Friction coefficient (hydraulic)
Kinetic energy
-Kinetics
Momentum equation
Motion
-Movement
Pilot pressures
Pilot spheres
-Pilot tubes
Porous tube piezometers
-Rates
Reynolds number
Rotating meters
Rotation
Spillway capacity
Spillway profiles
Stream gages
Test canals
-Time
Velocity distribution
Velocity head
-Velocity meters
Water hammer

Velocity distribution 2004

RT -Branches
Cavitation
Current meters
-Flow
Flow measurement
-Fluid mechanics
Open channel flow
Penstocks
Pipe flow
-Pilot tubes
River currents
-Velocity
-Velocity meters
-Water measurement

Velocity head 2004

BT -Head (fluid mechanics)
-Pressure
RT Critical velocity
-Energy
Energy equation
Energy gradient
Energy losses
-Fluid flow
-Fluid mechanics
Hydraulic design
Hydraulic gradient
Open channel flow
Pipe flow
Pilot pressures
Pilot spheres
Porous tube piezometers
Specific head
Tee losses
Turbine efficiency
-Velocity

Velocity meters 1402

BT -Equipment
-Instrumentation
-Measuring instruments
-Meters
-Test equipment
NT Current meters
-Flowmeters
Orifice meters
Venturi meters
RT Flow measurement
-Fluid flow
Hot film anemometers
Hot wire anemometers
-Orifices
-Pilot tubes
Propeller meters
Rotating meters
Stream gages
-Velocity
Velocity distribution

Vena contracta 2004

RT Contraction
Jets
Nappe
Orifice flow
Sudden enlargements
Taper
Vee-notched weirs

Venoms 0620

BT -Chemicals
-Poisons
-Toxins
RT Inhibitors
-Toxicity

Ventilation 1301

UF Ventilators
RT Air circulation
Air conditioning
Air filters
Blowers
-Cooling
Cooling systems
Ducts
-Entrances (fluid flow)
-Environmental engineering
Fans
-Mines
Precooling
Refrigeration
-Safety
Shafts (mining)
-Temperature
Temperature control
Unlined tunnels
Vehicular tunnels
Vents

Ventilators

USE Ventilation

Vents 1301

RT Air admission
Air entrainment
Air traps
Cavities
Chimneys
Cooling systems
Diffusers
Ducts
Entrapped air
Louvers
Nozzles
-Outlets
Ports
Relief valves
Vacuum breakers
Ventilation

Venturi flumes 1402

BT -Flumes
NT Parshall flumes
RT -Concrete structures
Contraction
-Discharge (water)
Discharge measurement
Flow measurement
-Flowmeters
Irrigation engineering
-Water measurement
-Weirs

Venturi meters 1402

UF Venturi tubes
BT -Flowmeters
-Instrumentation
-Measuring instruments
-Meters
-Pressure measuring instruments
-Test equipment
-Velocity meters
RT -Closed conduits
Contraction
-Discharge (water)
Discharge measurement
Flow measurement
Orifice meters
Pipe flow
-Pipes
-Pressure gages
Stream gages
-Water measurement
Water meters

Venturi tubes

USE Venturi meters

Vermiculite 0807

BT -Clay minerals
-Minerals
-Silicates
RT -Clays
Cushioning
-Insulation
Lagging
Lightweight aggregates
-Mechanical insulation

Mica

Perlite
-Porous materials

Vermont 0806

BT -Geographical regions
-States (geographical)

Vertical drains 0808.1

BT -Drains
RT Chimney drains
Dam foundations
Drainage wells
-Earth dams
Horizontal drains
-Pore pressure
Sand drains
Sand filters
-Seepage
-Springs (water)
-Subsurface drains
Wellpoints
-Wells

Vertical joints 1305

BT -Construction joints
-Joints (connections)
RT Contraction joints
Dowels
Expansion joints
-Igneous rocks
Joint fillers
Longitudinal joints
Water stops

Vertical loads 2011

BT -Loads (forces)
RT -Axial loads
Columns
Dead loads
Earthquake loads
-Live loads
Load distribution
Pull-out tests
-Structural analysis
-Structural design
Total loads
Uplift footings
Uplift resistance
-Weight

Vertical migration 0606

BT -Migration
RT Depth
Diurnal
-Ecology
Height
Seasonal

Vertical mulching 0204

BT -Land management
-Mulching
RT -Drainage
Infiltration

Verrucillium 0613

BT -Fungi
-Microorganisms
-Plants (botany)
RT Pathogenic fungi
-Plant diseases
Soil fungi
-Soil microorganisms

Very high frequency

USE VHF

Vessels 1304

BT -Containers
NT Pressure vessels
RT Autoclaves
Bins
-Disposal
Drums
-Materials handling equipment
Storage tanks
-Tanks (containers)
-Waste disposal

Vetch 0204 0603.1

UF Vicia species
BT -Agronomic crops
-Crops
-Dicots
-Field crops
-Horticultural crops
-Legumes
-Plants (botany)
RT -Forage legumes

VIBRATION DAMPING

VHF 1702

UF Very high frequency
BT -Radio signals
RT Radio communication systems
Radio interference
-Radio waves
-Television

Viability 0616

RT Germination
-Growth
Immature growth stage
-Plant growth
Seeds

Vibration 2011

NT Aeolian vibration
Forced vibration
RT -Acceleration (physics)
-Acoustics
Amplitude
Critical speed
Cyclic loads
Displacements
Dynamic loads
Dynamic response
-Dynamics
Earthquake loads
-Earthquakes
-Elastic waves
Fatigue (materials)
-Frequency
Geophones
Harmonics
Impulses
-Liquefaction
-Mechanical waves
Motion
Natural frequency
Nodes
Oscillations
Oscillators
Pulses
Pumping plants
Repeated loading
Resonance
Seismic design
-Seismic waves
Seismology
Shear waves
Shock (mechanics)
Shock resistance
Shock waves
Soil dynamics
Soil liquefaction
-Sound waves
Springs (mechanical)
Standing waves
Stress waves
Transient stress
Vibration damping
Vibration tables
Vibration tests
-Vibrators (mechanical)
Vibratory compaction
Vibratory pile driving
-Waves

Vibration control

USE Vibration damping

Vibration damping 2011

UF Isolators (vibration)
Vibration control
Vibration isolators
Vibration suppressors
BT -Damping
RT -Acoustics
Aeolian vibration
-Insulation
Noise reduction
Oscillators
Pulsating flow
Shock resistance
Shock waves
Springs (mechanical)
-Stabilization
Structural behavior
-Surges
-Transmission lines
-Vibration
Vibration tests
-Vibrators (mechanical)
Water hammer
Wave suppressors

Vibration isolators

USE Vibration damping

VIBRATION TABLES

Vibration suppressors
USE Vibration damping

Vibration tables 1402

BT—Equipment
—Machines
—Vibrators (mechanical)
RT—Dynamic tests
Laboratory tests
Seismic tests
—Vibration
Vibration tests

Vibration tests 1402

BT—Dynamic tests
—Materials tests
—Tests
RT—Cyclic loads
Fatigue tests
Laboratory tests
Loading tests
Seismic tests
Shock tests
Soil dynamics
—Vibration
Vibration damping
Vibration tables
—Vibrators (mechanical)

Vibrators (mechanical) 1309

BT—Equipment
—Machines
NT—Vibration tables
RT—Concrete placing
—Concrete technology
—Dynamic tests
Oscillators
—Vibration
Vibration damping
Vibration tests
Vibratory compaction

Vibratory compaction 1315

BT—Compaction
RT—Compaction equipment
Compaction tests
—Concrete placing
—Concrete technology
—Construction
Dynamic loads
—Dynamic tests
—Earthworks
—Foundations
Lattice
Sheepsfoot rollers
Soil compaction
—Vibration
—Vibrators (mechanical)

Vibratory pile driving 1315

BT—Pile driving
RT—Construction
—Foundations
—Piles (foundations)
Sonic pile driving
—Vibration

Vicia species

USE Vetch

Video

USE Television

Vine crops 0204

(excludes tomatoes and potatoes)

BT—Crops
—Dicots
—Fruit crops
—Horticultural crops
—Plants (botany)
—Stone fruits
NT—Melons
Strawberries
RT—Brambles
Plant groupings

Vinyl plastics

USE Vinyl resins

Vinyl-resin coatings 1103

BT—Coatings
—Protective coatings
—Synthetic resins
—Vinyl resins
RT—Paints

Vinyl resins 1109

UF—Vinyl plastics
BT—Resins

—Synthetic resins
NT—Polystyrene
Polyvinyl alcohol
Polyvinyl chloride
—Styrene resins
Vinyl-resin coatings
RT—Elastomers
Plastic pipes
—Thermoplastic resins
—Thermosetting resins

Virginia 0806

BT—Coastal plains
—Geographical regions
—States (geographical)

Viricides 0606

BT—Chemicals
—Pesticides
—Poisons
RT—Antibiotics (pesticides)
Plant viruses
—Viruses

Virtual mass

USE Stress analysis

Virtual work

USE Stress analysis

Viruses 0613

BT—Microorganisms
NT—Bacteriophage
Plant viruses
RT—Aquatic microbiology
—Aquatic microorganisms
Biocontrol
—Biology
—Diseases
Epidemiology
Epiphytology
Epizootiology
Medicine
—Microbiology
Public health
Viricides
Water pollution sources

Viscoelasticity 2012

BT—Mechanical properties
RT—Elasticity (mechanical)
Rheology
Viscosity

Viscometers 1402

BT—Measuring instruments
—Meters
—Test equipment
RT—Viscosity

Viscosity 2004

UF—Fluidity
Viscous yielding
BT—Mechanical properties
—Physical properties
RT—Flow
Flow resistance
—Fluid flow
Fluid friction
—Fluid mechanics
—Fluids
—Friction
Friction coefficient (hydraulic)
Internal friction
Laminar flow
Newtonian flow
Permeability
Reynolds number
Rheology
Settling velocity
Stokes law
—Surface properties
Thixotropy
—Transport phenomena
Turbulent flow
Viscoelasticity
Viscometers
Viscous flow
Wall friction
Water properties

Viscous flow 2004

BT—Flow
—Fluid flow
—Movement
—Transport phenomena
RT—Aerodynamics
Flow patterns
Laminar flow

Reynolds number

Viscosity
Wall friction

Viscous yielding

USE Viscosity

Visibility 1407

RT—Ceilings (meteorology)
Color
—Fog
Haze
—Light
Light waves
Opacity
—Optical properties
Sensitivity
Smog
Smoke
Symbols
Transmissivity
Vision

Vision 0616

RT—Color
Distance
—Light
Visibility

Visual aids 0509

RT—Charts
—Diagrams
Drawings
—Instruction
Learning
—Photographs
Plans
—Training

Visual classifications 0813

BT—Classifications
RT—Color
Field classifications
—Field investigations
Foundation investigations
Gradation
Grain shapes
Grain sizes
Odor
Soil analysis
Soil classifications
Soil investigations
Soil physics
Wet condition

Vitamin B 0601

UF—Cyanocobalamin
BT—Vitamins
RT—Nutrient requirements

Vitamins 0601

NT—Vitamin B
RT—Biochemistry
—Feeds
Foods
—Metabolism
Nutrient requirements

Vocabularies 0502

RT—Acronyms
—Administration
Communication
Dictionaries
Editing
—Indexing
Information systems
Nomenclatures
Semantics
—Technical writing
Thesaurus

Void ratio 0813

BT—Physical properties
—Soil physical properties
—Soil properties
NT—Air void ratio
RT—Air entrainment
Density
Dry density
Moisture content
Pore size
Porosity
Soil density
Soils
Soil structure
Soil tests
Specific gravity
Specific surface
Surface properties

Voids

—Volume change
—Water content
—Weight

Voids 1407

RT—Air entrainment
Air void ratio
—Bubbles
Buoyancy
Capillarity
Capillary action
Cavities
Defects
Holidays (coatings)
Infiltration
Interstices
Percolation
Permeability
Pore size
Porosity
—Porous materials
Soil structure
—Void ratio

Volatility 2013

BT—Physical properties
—Thermal properties
RT—Boiling
—Evaporation
—Liquid-vapor interfaces
Pesticide drift
Pesticide kinetics
—Stability
—Vaporization
Vapor pressure

Volcanic ash 0807

UF—Ash (volcanic)
BT—Earth materials
—Materials
—Soils
RT—Aeolian soils
Cinders
Pozzolans
Pumice
Sedimentary tuff
Soil formation
—Tuff
Volcanoes

Volcanic rocks 0807

UF—Hypabyssal rocks
BT—Crystalline rocks
—Igneous rocks
—Rocks
NT—Andesite
Basalt
Diorite
Lava
Perlite
Pumice
Rhyolite
—Tuff
RT—Acidic rocks
—Basic rocks
Breccia
—Intermediate rocks
—Plutonic rocks
Sedimentary tuff
Ultrabasic rocks
Volcanoes

Volcanoes 0807

UF—Volcanology
BT—Land forms
RT—Cinders
Craters
Geomorphology
Juvenile water
Lava
Magma
Mountains
Volcanic ash
—Volcanic rocks

Volcanology

USE Volcanoes

Voltage

USE Electric potential

Voltage dividers 0905

NT—Autotransformers
—Potentiometers
RT—Electric reactors
—Resistors
—Shunt resistors

THESAURUS OF TERMS

WASTE DISPOSAL

Voltage regulation 0903

- BT—Regulation
- RT—Control
 - Electric power distribution
 - Electric switches
 - Power transformers
 - Remote control
 - Transmission loss
 - Voltage regulators

Voltage regulators 0905

- BT—Control equipment
- Electrical equipment
- Equipment
- RT—Electric power production
 - Electric switches
 - Phase control
 - Power system stability
 - Power transformers
 - Substations (electrical)
 - Switching circuits
 - Switchyards (electrical)
 - Transformers
 - Voltage regulation

Voltmeters 1402

- BT—Equipment
- Instrumentation
- Measuring instruments
- Meters
- Test equipment
- RT—Ammeters
 - Electrical equipment
 - Electric potential
 - Galvanometers
 - Ohmmeters
 - Potentiometers

Volume 1407

- RT—Area
 - Areal
 - Bulk
 - Bulking
 - Bulk modulus
 - Dilatation
 - Dimensions
 - Geometry
 - Lake morphometry
 - Mass
 - Shape
 - Size
 - Specific weight
 - Unit weight
 - Volume change
 - Volumetric meters
 - Weight

Volume change 1407

- NT—Dilatation
- Dilatation
- RT—Bulk modulus
 - Compaction
 - Compression
 - Consolidation
 - Expansion
 - Expansive clays
 - Expansive forces
 - Expansive soils
 - Frost heaving
 - Heaving
 - Porosity
 - Shrinkage
 - Strain
 - Stress
 - Swelling
 - Temperature
 - Temperature rise
 - Void ratio
 - Volume

Volumetric analysis 0704

- BT—Analysis
- Analytical techniques
- Chemical analysis
- RT—Gravimetric analysis
 - Polarographic analysis
 - Spectroscopy

Volumetric meters 1402

- BT—Equipment
- Instrumentation
- Measuring instruments
- Meters
- Test equipment
- RT—Volume
 - Water meters

Vortex tubes 1402

- UF—Hilich tubes

BT—Closed conduits

- Conduits
- Tubes
- RT—Compressed air
 - Cooling
 - Heating

Vortices 2004

- RT—Cavitation
- Eddies
- Entrances (fluid flow)
- Entrapped air
- Flow
- Fluid flow
- Hydraulics
- Jet diffusion
- Mixing length
- Rotation
- Rotational flow
- Turbulence
- Wakes

Vulnerability 1407

- RT—Durability
- Dynamic stability
- Life expectancy
- Penetration
- Reliability
- Stability

W

Wading birds 0603.2

- BT—Animals
 - Aquatic life
 - Birds
 - Non-game birds
 - Water birds
 - Wildlife
- RT—Animal groupings
 - Aquatic animals
 - Bird types

Wages 0503

- RT—Benefits
- Budgeting
- Compensation
- Contracts
- Costs
- Earnings
- Economic rent
- Employee relations
- Employment
- Engineering costs
- Labor
- Labor costs
- Labor supply
- Labor unions
- Payment
- Personnel
- Salaries
- Working conditions

Wakes 2004

- RT—Aerodynamics
- Bubbles
- Cavitation
- Converging flow
- Drag
- Flow around objects
- Jets
- Turbulence
- Vortices
- Wave generation

Walleye 0603.2

- UF—Stizostedion vitreum vitreum
- BT—Animals
 - Aquatic animals
 - Aquatic life
 - Fish
 - Freshwater fish
 - Perches
 - Wildlife
- RT—Sport fish

Wall friction 2004

- BT—Friction
- Mechanical properties
- RT—Drag
- External friction

Fluid friction

- Fluid mechanics
- Friction coefficient (hydraulic)
- Friction coefficient (mechanical)
- Reynolds number
- Surface properties
- Viscosity
- Viscous flow
- Walls

Walls 1313.5

- NT—Crib walls
- Curtain walls
- Cutoff walls
- Fire walls
- Groins (structures)
- Guide walls
- Headwalls
- Retaining walls
- Sea walls
- Training walls
- RT—Anchored bulkheads
 - Barriers
 - Bins
 - Brick masonry
 - Buildings
 - Bulkheads
 - Cribbing
 - External friction
 - Footings
 - Foundations
 - Horizontal loads
 - Panels
 - Residences
 - Rubble masonry
 - Sheathing
 - Sheeting
 - Small structures
 - Studs
 - Transverse joints
 - Wall friction

Warehouses 1313.4

- BT—Engineering structures
- RT—Architecture
 - Buildings
 - Materials handling
 - Storage
 - Structural design
 - Supply

Warfare (biological)

- USE—Biological warfare

Warfare (chemical)

- USE—Chemical warfare

Warm springs 0808.1

- BT—Bodies of water
- Running waters
- Springs (water)
- Thermal springs
- RT—Geothermal studies
 - Geysers
 - Hot springs
 - Hydrogeology
 - Mineral water
 - Thermal water

Warm-water fish 0603.2

- RT—Animal groupings
- Fish types
- Freshwater fish
- Lake fisheries
- Pan fish
- Stream fisheries

Warm-water fishing 0511

- BT—Fishing
- RT—Bait fishing
 - Freshwater fish
 - Sport fishing
 - Stream fisheries

Warning systems 1312

- UF—Flood warning
- IT—Fire alarm systems
- RT—Assay
 - Bank protection
 - Buoys
 - Civil defense
 - Detection
 - Detectors
 - Flood control
 - Flood forecasting
 - Floodproofing
 - Flood protection
 - Forecasting
 - Hazards

Hurricanes

- National defense
- River forecasting
- Sensors
- Tornadoes
- Water pollution

Washing (panning)

- USE—Panning

Washington 0806

- BT—Geographical regions
- States (geographical)
- RT—Reclamation states

Wash load

- USE—Suspended load

Washouts 0808

- RT—Banks
 - Bank stability
 - Bridges (structures)
 - Channels
 - Cloudbursts
 - Dams
 - Erosion
 - Gullies
 - Roads
 - Storm runoff

Waste assimilative capacity 1302.1

- RT—Aeration
 - Biochemical oxygen demand
 - Biodegradation
 - Eutrophication
 - Nutrients
 - Organic matter
 - Oxygen
 - Oxygen sag
 - Reaeration
 - Self-purification
 - Surface waters
 - Wastes
 - Waste treatment

Waste dilution 1302.1

- UF—Dilution (wastes)
- BT—Dilution
 - Waste disposal
 - Discharge (water)
 - Disposal
 - Flow augmentation
 - Flow control
 - Low flow
 - Low-flow augmentation
 - Mixing length
 - Reservoir storage
 - Sanitary engineering
 - Sewage disposal
 - Streamflow
 - Toxic waste disposal
 - Wastes
 - Waste treatment
 - Water levels
 - Water pollution treatment
 - Water quality
 - Water utilization

Waste disposal 1302.1

- BT—Disposal
- NT—Brine disposal
 - Radioactive waste disposal
 - Sewage disposal
 - Sludge disposal
 - Toxic waste disposal
 - Ultimate disposal
 - Waste dilution
- RT—Anaerobic digestion
 - Artificial use
 - Cesspools
 - Containers
 - Desalination
 - Disposal wells
 - Earthfill
 - Environmental engineering
 - Farm lagoons
 - Farm wastes
 - Garbage dumps
 - Groundwater quality
 - Injection wells
 - Lagoons (ponds)
 - Landfills
 - Mining engineering
 - Municipal wastes
 - Non-consumptive use
 - Reasonable use
 - Recreation wastes
 - Refuse disposal

WASTE DUMPS

Waste disposal (Con.)

- Regulations
- Riparian rights
- Sanitary engineering
- Sanitation
- Septic tanks
- Settling basins
- Sewage lagoons
- Storage
- Stream pollution
- Sumps
- Vessels
- Waste dumps
- Wastes
- Waste stabilization ponds
- Waste storage
- Waste treatment
- Waste water use
- Water consumption
- Water pollution

Waste dumps 1302.1

- NT Garbage dumps
- RT Burning
- Mine wastes
- Mining
- Solid wastes
- Tunnel construction
- Waste disposal

Waste heat 2013

- BT -Energy
- Heat
- RT -Demineralization
- Desalination
- Heat transfer
- Thermal pollution

Waste identification 1402

- RT -Analytical techniques
- Biological properties
- Wastes
- Water pollution sources

Wastes 1407

- UF Refuse
- NT Animal wastes (wildlife)
- Chemical wastes
- Coal mine wastes
- Domestic wastes
- Farm wastes
- Garbage
- Industrial wastes
- Liquid wastes
- Mine wastes
- Municipal wastes
- Oil wastes
- Organic wastes
- Pulp wastes
- Radioactive wastes
- Recreation wastes
- Sewage
- Sewage sludge
- Solid wastes
- Strip mine wastes
- Sulfite liquors
- Urine
- Waste water
- Wood wastes
- RT Acid mine water
- Borings
- Byproducts
- Contamination
- Corrosion environments
- Effervescence
- Effluents
- Environmental sanitation
- Farms
- Impurities
- Incineration
- Industrial waste treatment
- Inflow
- Leakage
- Organic matter
- Pollutants
- Sanitary engineering
- Settling basins
- Sewage disposal
- Sewage effluents
- Sewage treatment
- Sewers
- Slags
- Sludge
- Solute
- Stream pollution
- Urban areas
- Waste assimilative capacity
- Waste dilution
- Waste disposal
- Waste identification

- Waste treatment
- Waste water (pollution)
- Waste water disposal
- Waste water treatment
- Water pollution
- Water pollution sources

Waste stabilization ponds 1302.1

- BT -Bodies of water
- Ponds
- Standing waters
- RT -Algae
- Bacteria
- Denitrification
- Dissolved oxygen
- Industrial wastes
- Microorganisms
- Nitrification
- Nitrogen
- Organic compounds
- Oxidation
- Sanitary engineering
- Sewage lagoons
- Sewage treatment
- Waste disposal
- Waste treatment

Waste storage 1302.1

- UF Lagooning
- BT -Storage
- RT Sludge disposal
- Ultimate disposal
- Waste disposal

Waste treatment 1302.1

- BT -Treatment
- NT Activated sludge
- Industrial waste treatment
- Sewage treatment
- Sludge treatment
- Solids contact process
- Tertiary treatment
- Waste water treatment
- RT Aerobic treatment
- Anaerobic digestion
- Foam separation
- Membrane processes
- Neutralization
- Organic loading
- Permeable membranes
- Radioactive waste disposal
- Reaeration
- Separation techniques
- Septic tanks
- Settling basins
- Sewage treatment plants
- Soil disposal fields
- Sulfite liquors
- Toxic waste disposal
- Treatment facilities
- Trickling filters
- Ultimate disposal
- Waste assimilative capacity
- Waste dilution
- Waste disposal
- Wastes
- Waste stabilization ponds
- Water pollution treatment

Waste water 0808

- BT -Wastes
- Water
- RT Drainage systems
- Drainage water
- Effluents
- Excess water (soils)
- Floodwater
- Industrial wastes
- Irrigation
- Mine water
- Recirculating irrigation system
- Sewage
- Sewage treatment plants
- Surface runoff
- Waste water (pollution)
- Waste water disposal
- Waste water treatment
- Water pollution
- Water recirculation
- Water reuse

Waste water (drainage)

- USE Drainage water

Waste water (irrigation)

- USE Return flow

Waste water (pollution) 1302.1

- BT -Water types

- RT -Acidic water
- Acid mine water
- Activated carbon
- Effervescence
- Effluents
- Environmental sanitation
- Farm lagoons
- Heated water
- Industrial wastes
- Industrial water
- Irrigation
- Mine water
- Recharge
- Reclaimed water
- Sanitary engineering
- Sewage
- Sewage effluents
- Wastes
- Waste water
- Waste water disposal
- Waste water treatment
- Water pollution
- Water reuse
- Water sources

Waste water disposal 1302.1

- BT -Disposal
- NT Brine disposal
- RT -Artificial recharge
- Cesspools
- Disposal wells
- Effervescence
- Effluents
- Injection wells
- Sewage disposal
- Sewage effluents
- Sewage treatment plants
- Wastes
- Waste water
- Waste water (pollution)
- Waste water treatment

Waste water reclamation

- USE Water reuse

Waste water treatment 1302.1

- BT -Treatment
- Waste treatment
- Water treatment
- RT Aeration
- Coagulation
- Distillation
- Environmental sanitation
- Filtration
- Foam fractionation
- Hydrogenation
- Industrial wastes
- Municipal wastes
- Oxidation lagoons
- Permeable membranes
- Sewage treatment
- Sewage treatment plants
- Solids contact process
- Tertiary treatment
- Wastes
- Waste water
- Waste water (pollution)
- Waste water disposal
- Waste water use
- Water pollution treatment
- Water treatment plants

Waste water use 0808

- BT -Reclamation
- Water reuse
- RT -Irrigation
- Sanitary engineering
- Sewage treatment
- Waste disposal
- Waste water treatment
- Water pollution
- Water quality
- Water recirculation
- Water reuse
- Water supply
- Water treatment

Wasteways 1313.1

- BT -Engineering structures
- Hydraulic structures
- RT Appurtenances
- Chutes
- Diversion structures
- Floodways
- Overflow
- Spillways

Water 0702

- USE Use of a more specific term

THESAURUS OF WATER RESOURCES TERMS

- is recommended
- BT -Fluids
- NT Acid mine water
- Adsorbed water
- Artesian water
- Boiler feed water
- Brackish water
- Brines
- Capillary water
- Confined water
- Connate water
- Cooling water
- Excess water (soils)
- Feed water
- Fresh water
- Fringe water
- Gravitational water
- Groundwater
- Heavy water
- Hygroscopic water
- Industrial water
- Irrigation water
- Juvenile water
- Lakes
- Melt water
- Mine water
- Municipal water
- Perched water
- Percolating water
- Phreatic water
- Potable water
- Reclaimed water
- Reservoirs
- Return flow
- Rivers
- Saline groundwater
- Saline water
- Sea water
- Snowmelt
- Soil water
- Supplemental water
- Surface waters
- Underflow
- Vadose water
- Waste water
- RT -Bodies of water
- Cavitation
- Corrosion environments
- Estuaries
- Farm ponds
- Floods
- Flow
- Groundwater hydrology
- Groundwater potential
- Gulfs
- Headworks
- Humidity
- Hydraulic engineering
- Hydraulics
- Hydrodynamics
- Hydrography
- Hydrolysis
- Hydrostatics
- Ice
- Lagoons (ponds)
- Lakes
- Lubricants
- Moisture
- Moisture content
- Mud-water interfaces
- Oceans
- Oxides
- Ponds
- Precipitation (atmospheric)
- Reservoirs
- Rivers
- Slush
- Solvents
- Springs (water)
- Stream channels
- Streams
- Tides
- Water analysis
- Water balance
- Water chemistry
- Water collection systems
- Water conservation
- Water consumption
- Water content
- Water control
- Water conveyance
- Water costs
- Water delivery
- Water demand
- Water distribution (applied)
- Water law
- Water management (applied)
- Water measurement
- Water policy

THESAURUS OF TERMS

Water (Con.)

- Water pollution
- Water pressure
- Water properties
- Water quality
- Water requirements
- Water resources
- Water sampling
- Water sources
- Water storage
- Water supply
- Water table
- Water treatment
- Water types
- Waves
- Waves (water)

Water-air interfaces

USE Air-water interfaces

Water allocation (applied)

USE Water distribution (applied)

Water allocation (policy) 0504.1

UF Water distribution (policy)

BT -Allocations

-Policies

RT -Administration

Administrative agencies

Competing uses

-Distribution

Distribution patterns

Domestic water

Equitable apportionment

Groundwater depletion

Hydraulic mining water

-Industrial water

-Irrigation practices

Irrigation programs

-Legal aspects

Litigation

Low-flow augmentation

-Planning

Preferences (water rights)

-Recreation

-Reservoir operation

Stock water

Water contracts

Water control

Water demand

-Water policy

-Water pollution

Water requirements

Water resources development

-Water reuse

-Water rights

Water salvage

Water supply

-Water utilization

Water zoning

-Wildlife conservation

Water analysis 1402

BT -Analysis

-Chemical analysis

-Chemistry

-Water chemistry

RT -Aquatic life

Aquatic productivity

Aqueous solutions

Bioassay

Biochemical oxygen demand

Bioindicators

Chemical oxygen demand

Color

Color reactions

-Dissolved gases

Dissolved oxygen

Dissolved solids

Gas chromatography

Groundwater quality

Laboratory tests

-Limnology

Mineral content

Oxygen content

Pesticide residues

Qualitative analysis

-Quantitative analysis

Trace elements

-Water

-Water pollution

-Water properties

-Water purification

-Water quality

Water quality standards

-Water reuse

Water sampling

Water structure

-Water treatment

Water application rate 0203.1

RT Capillarity

-Evapotranspiration

Infiltration

-Irrigation

Irrigation efficiency

-Irrigation practices

-Irrigation systems

-Moisture content

Percolation

Root zone

-Surface irrigation

Water requirements

Wetting front

Water appropriation

USE Appropriation (water rights)

Water balance 0616 0808

UF Balance (water)

RT -Animal physiology

-Discharge (water)

Equilibrium

-Evaporation

-Flow

Hydrologic budget

Hydrologic cycle

Inflow

Plant physiology

-Precipitation (atmospheric)

-Runoff

Sweat

-Water

Water budget

-Water storage

Water-bearing formations

USE Aquifers

Water beetles 0603.2

BT -Animals

-Aquatic animals

-Aquatic insects

-Aquatic life

-Insects

-Invertebrates

Water birds 0603.2

UF Aquatic birds

BT -Animals

-Aquatic life

-Birds

-Non-game birds

-Wildlife

NT Gulls

Wading birds

RT Animal groupings

-Aquatic animals

Bird types

-Migratory birds

Non-migratory birds

Shore birds

-Waterfowl

Water bloom

USE Eutrophication

Water bodies

USE Bodies of water

Water-borne sealants 1101

BT -Sealants

RT Canal sealants

-Seals (stoppers)

Water budget 0808

BT -Budgets

RT -Evaporation

Hydrologic budget

Inflow

Outflows

-Precipitation (atmospheric)

Water balance

Water-cement ratio 1303.1

RT Concrete mixes

-Concrete placing

-Concrete technology

-Durability

-Portland cements

Slump

-Water content

Water-reducing agents

Workability

Water chemistry 0808

BT -Chemistry

NT Water analysis

RT Adsorption

Aqueous solutions

Chemical potential

-Chemical reactions

-Desalination

-Geochemistry

-Limnology

pH

Saline water systems

Solvation

Trace elements

-Water

-Water pollution

Water properties

-Water quality

Water softening

Water structure

Water circulation 0808

BT -Circulation

-Movement

NT Ocean circulation

-Ocean currents

RT Aeration

Convection

-Currents (water)

-Cycles

Eddies

-Hydraulics

Hydrologic cycle

Meromixis

-Movement

-Pumping

Recreation

Seiches

-Surges

Thermal stratification

Turbulence

Turnovers

-Waves

-Waves (water)

Water clarification

USE Water purification

Water collection systems 1313.1

UF Collection systems (water)

RT -Dams

Diversion structures

-Drains

Hydraulic engineering

-Hydraulic structures

Interbasin water transfers

Surface runoff

-Surface waters

-Water

-Watersheds (basins)

Water sources

Water column separation 1311

RT Cavitation

Pipe flow

Pressure head

-Pumping

-Subatmospheric pressure

-Surges

Water hammer

Water conditioning

USE Water treatment

Water conservation 0808.2

BT -Conservation

-Resource conservation

RT Brush control

-Cutting management

Evaporation control

Evapotranspiration control

Fallowing

Farm ponds

Fish conservation

Forest management

Grassed waterways

Groundwater depletion

Groundwater management

-Hydrology

-Land forming

Large watersheds

-Mulching

Range management

Reservoir evaporation

River basins

Rotation

-Runoff

Snow management

Soil conservation

Soil-water-plant relationships

Spreading basins

Stubble mulching

Transpiration control

WATER CONTROL

- Water
- Water demand
- Water harvesting
- Water management (applied)
- Water policy
- Water pollution
- Water recirculation
- Water resources
- Water resources development
- Watershed management
- Watersheds (basins)
- Water shortage
- Water storage
- Water supply
- Water treatment
- Water utilization
- Water yield improvement
- Well regulations
- Wildlife conservation

Water consumption 0808

(excludes consumptive use)

BT -Consumption

RT Appliances

Competing uses

Demand (irrigation systems)

-Depletion

Domestic water

-Industrial water

Multiple purpose reservoirs

Municipal water

Non-consumptive use

-Seepage

Stock water

-Utilities

-Waste disposal

-Water

Water distribution (applied)

-Water loss

-Water utilization

Water consumption (plants)

USE Consumptive use (water)

Water content 0704

NT Liquid water content

RT Humidity

Moist condition

-Moisture

WATER CONVEYANCE

Water control (Con.)

- Seepage control
- Spillways
- Streamflow regulation
- Utilities
- Water
- Water allocation (policy)
- Water distribution (applied)
- Water management (applied)
- Water resources management
- Waterworks

Water conveyance 1313.1

- UF Conveyance (water)
- RT Aqueducts
- Buried irrigation systems
- Canals
- Channels
- Conduits
- Conveyance structures
- Ditches
- Flumes
- Friction coefficient (hydraulic)
- Grassed waterways
- Hydraulic structures
- Interbasin water transfers
- Irrigation canals
- Pipelines
- Pipes
- Pumps
- Siphons
- Tailrace
- Tunnels
- Water
- Water delivery
- Water distribution (applied)
- Water loss
- Water pipes
- Water plans
- Water supply
- Water transfer
- Water tunnels (conveyance)
- Water utilization
- Waterworks

Water cooling 1301

- (cooling via water)
- BT -Cooling
- RT Air conditioning
- Coolants
- Cooling systems
- Cooling towers
- Electric generators
- Freezing
- Heat exchangers
- Refrigeration
- Supercooling

Water costs 0503 1401

- BT -Costs
- RT -Demineralization
- Desalination
- Fresh water
- Groundwater
- Industrial water
- Irrigation districts
- Irrigation water
- Municipal water
- Potable water
- Reimbursable costs
- Repayment contracts
- Reservoir operation
- Water
- Water distribution (applied)
- Water plans
- Water pricing
- Water rates
- Water sources
- Water supply

Watercourses (legal) 0504.1

- NT Artificial watercourses
- Developed waters
- Ephemeral streams
- Intermittent streams
- Natural streams
- Perennial streams
- RT High water mark
- Low water mark

Water currents

- USE Currents (water)

Water delivery 0203.1 1313.1

- RT -Irrigation
- Irrigation districts
- Irrigation efficiency
- Irrigation operation & maintenance
- Irrigation practices

- Pumping
- Rates of application
- Water
- Water conveyance
- Water distribution (applied)
- Water loss
- Water metering
- Water supply

Water demand 0203.1

- BT -Demand
- RT -Administration
- Economics
- Industrial water
- Irrigation water
- Recreation demand
- Requirements
- Social aspects
- Water
- Water allocation (policy)
- Water conservation
- Water distribution (applied)
- Water management (applied)
- Water policy
- Water pricing
- Water requirements
- Water reuse
- Water salvage
- Water shortage
- Water supply
- Water users
- Water utilization

Water desalting

- USE Desalination

Water development

- USE Water resources development

Water distribution (applied) 1302.1

- UF Water allocation (applied)
- BT -Distribution
- RT -Buried irrigation systems
- Distribution patterns
- Distribution systems
- Flood control
- Flow
- Flow profiles
- Irrigation
- Irrigation ditches
- Irrigation operation & maintenance
- Irrigation practices
- Irrigation systems
- Laterals
- Pipelines
- Pressure conduits
- Public utilities
- Pumps
- Rates of application
- Reservoir operation
- Siphons
- Standpipes
- Turnouts
- Utilities
- Water
- Water consumption
- Water control
- Water conveyance
- Water costs
- Water delivery
- Water demand
- Water management (applied)
- Water meters
- Water requirements
- Water shortage
- Water storage
- Water supply
- Water table
- Water tanks
- Water treatment
- Water tunnels (conveyance)
- Water utilization
- Waterworks

Water distribution (policy)

- USE Water allocation (policy)

Water districts 0501

- RT -Governments

Water duty

- USE Duty of water

Water-earth interfaces

- USE Earth-water interfaces

Water equivalent 0808

- RT Depth
- Snowfall
- Snowmelt
- Snowpacks

Waterfalls 0808

- UF Falls
- RT -Flow
- Graded
- Scenery

Water farming

- USE Fish farming

Water filters 1311

- UF Filtration (water)
- Water filtration
- RT Aeration
- Filtration
- Sand filters
- Sanitary engineering
- Sedimentation
- Water purification
- Water quality
- Water treatment

Water filtration

- USE Water filters

Waterfleas 0603.2

- UF Leptodora kindtii
- BT -Animals
- Aquatic animals
- Aquatic life
- Crustaceans
- Invertebrates
- Plankton
- Zooplankton
- NT Daphnia

Water flooding (oil recovery)

- USE Flooding

Water flux 1407

- RT -Density
- Mass transfer

Waterfowl 0603.2

- BT -Animals
- Aquatic life
- Birds
- Wildlife
- NT American widgeon
- Barrows goldeneye duck
- Black brant
- Black duck
- Blue goose
- Blue-winged teal
- Brant
- Bufflehead duck
- Canada goose
- Canvasback duck
- Coastal diving ducks
- Common eider duck
- Common goldeneye duck
- Common merganser duck
- Common teal
- Ducks (wild)
- Emperor goose
- European widgeon
- Fulvous tree duck
- Gadwall duck
- Geese (wild)
- Greater scaup duck
- Green-winged teal
- Lesser scaup duck
- Mallard duck
- Mexican duck
- Mottled ducks
- Oldsquaw duck
- Pintail ducks
- Puddleducks
- Redhead duck
- Ring-necked duck
- Ruddy duck
- Shoveler duck
- Snow goose
- Stellers eider duck
- White-fronted goose
- White-winged scoter
- Wood duck
- RT Animal groupings
- Bird types
- Fish and wildlife
- Game birds
- Hunting
- Migratory birds
- Non-migratory birds

Shore birds

- Water birds

Water gaps 0807

- RT Geomorphology
- Mountains
- Streams

Water hammer 2004

- RT Air chambers
- Closed conduits
- Fluid dynamics
- Gates
- High head
- Hydraulic transients
- Hydrodynamic pressure
- Hydrodynamics
- Pipe flow
- Pipelines
- Pipes
- Pressure
- Pulsating flow
- Siches
- Surges
- Transients
- Valves
- Velocity
- Vibration damping
- Water column separation
- Water tunnels (conveyance)
- Water tunnels (testing)
- Waves
- Waves (water)

Water harvesting 0808

- BT -Harvesting
- RT Cisterns
- Paving
- Rainfall-runoff relationships
- Rain water
- Runoff
- Stock water
- Water conservation
- Water yield
- Water yield improvement

Water holes 0808

- RT Groundwater potential
- Ponds
- Springs (water)

Water horizons

- USE Aquifers

Water hyacinth 0603.1

- UF Hyacinth (water)
- BT -Aquatic life
- Aquatic plants
- Aquatic weeds
- Crops
- Dicots
- Floating plants
- Floating weeds
- Horticultural crops
- Plants (botany)

Water-ice interfaces

- USE Ice-water interfaces

Water injection

- USE Injection

Water injury 1407

- RT Catch crops
- Crop response
- Environmental effects
- Floods
- Irrigation effects
- Saturated soils
- Wetlands

Water intakes

- USE Intakes

Water law 0504.1

- NT Law of the sea
- Natural flow doctrine
- RT Administrative decisions
- Boundary disputes
- Civil law
- Developed waters
- Equitable apportionment
- Governments
- Interstate compacts
- Judicial decisions
- Laws
- Legal aspects
- Legislation
- Litigation

THESAURUS OF TERMS

WATER POLLUTION

Water law (Con.)

- Prior appropriation
- Public rights
- Riparian rights
- Treaties
- Water
- Water permits
- Water policy
- Water resources development
- Water rights
- Water transfer

Water level fluctuations 0808

- RT -Drawdown
- Fluctuation
- Groundwater depletion
- Groundwater movement
- Groundwater recharge
- High water mark
- Low flow
- Low water mark
- Pumping
- Reservoir evaporation
- Reservoir leakage
- Reservoir operation
- Stilling wells
- Tidal effects
- Variability
- Water levels
- Water loss
- Water measurement

Water levels 0808

- UF Stages (water)
- NT Potentiometric level
- RT Area capacity curves
- Backwater
- Bank storage
- Base flow
- Dead storage
- Depth recorders
- Drawdown
- Drops (structures)
- Fetch
- Floats
- Flow augmentation
- Fluctuation
- Gages
- Gaging stations
- Hook gages
- Hydraulic gradient
- Hydraulic pressure
- Hydroelectric powerplants
- Hydrographs
- Low flow
- Measurement
- Overflow
- Overtopping
- Perched water table
- Piezometers
- Power head
- Pressure head
- Reservoirs
- Saline water intrusion
- Sea level
- Spillway crests
- Stage-discharge relations
- Stilling wells
- Stream gages
- Streams
- Surfaces
- Tailwater
- Usable storage
- Waste dilution
- Water level fluctuations
- Water table
- Water wells

Waterlogged areas

USE Waterlogged land

Waterlogged land 0808.1

- UF Waterlogged areas
- RT -Alkaline soils
- Bogs
- Clays
- Closed basins
- Drainage
- Impervious soils
- Irrigation effects
- Marshes
- Marsh plants
- Saturated soils
- Swamps

Waterlogged soils

USE Saturated soils

Water loss 0808

BT -Losses

- NT Riparian water loss
- RT Canal seepage
- Caves
- Channels
- Consumptive use (water)
- Demand (irrigation systems)
- Depression storage
- Diversion losses
- Diversion loss returns
- Drying
- Evaporation
- Evapotranspiration
- Fractures (geology)
- Hydrologic cycle
- Infiltration
- Influent streams
- Interception
- Irrigation water
- Joints (geology)
- Leakage
- Moisture deficit
- Percolation tests
- Phreatophytes
- Precipitation excess
- Reservoir evaporation
- Reservoir leakage
- Return flow
- Runoff
- Seepage
- Seepage losses
- Sinkholes
- Transpiration
- Underseepage
- Water consumption
- Water conveyance
- Water delivery
- Water level fluctuations
- Water seals
- Water shortage
- Water utilization
- Water yield
- Water yield improvement
- Willing

Water mains

USE Conduits

Water management (administrative)

USE Administration

Water management (applied) 1302

- BT -Management
- NT -Artificial recharge
- Flood routing
- Groundwater management
- Induced infiltration
- Routing
- Snow management
- Watershed management
- Water spreading
- RT Adoption of practices
- Automatic control
- Chiselling
- Conjunctive use
- Control systems
- Demand (irrigation systems)
- Diversion
- Drainage
- Drainage engineering
- Drainage practices
- Drainage programs
- Drainage systems
- Drawdown
- Erosion control
- Evaporation control
- Fallowing
- Flood control
- Flow augmentation
- Flow control
- Groundwater
- Groundwater mining
- Groundwater recharge
- Groundwater sources
- Irrigation
- Irrigation districts
- Irrigation engineering
- Irrigation operation & maintenance
- Irrigation practices
- Irrigation programs
- Land management
- Mulching
- Non-structural alternatives
- Remote control
- Reservoir capacity
- Reservoir operation
- Reservoir storage
- Spreading basins

- Slubble mulching
- Terracing
- Water
- Water conservation
- Water control
- Water demand
- Water distribution (applied)
- Water pollution control
- Water pricing
- Water quality control
- Water resources
- Water supply
- Water utilization
- Weather modification

Water measurement 1402

BT -Measurement

- NT California pipe method
- Chemical dilution method
- Gibson method
- Miners inch
- Salt velocity method
- RT Cipolletti weirs
- Current meters
- Float wells
- Flow measurement
- Flumes
- Gages
- Hydraulics
- Hydrologic instruments
- Hydrometeorological station
- Instrumentation
- Measuring instruments
- Metering
- Orifices
- Parshall flumes
- Pitot tubes
- Propeller meters
- Stilling wells
- Stream gages
- Stream gaging station
- Velocity distribution
- Venturi flumes
- Venturi meters
- Water
- Water level fluctuations
- Water metering
- Water meters
- Weirs
- Well yield

Watermelon

USE Melons

Water metering 1402

- BT -Metering
- RT Flow measurement
- Flowmeters
- Hydrologic instruments
- Instrumentation
- Water delivery
- Water measurement
- Water meters

Water meters 1402

- BT -Equipment
- Flowmeters
- Hydrologic instruments
- Instrumentation
- Measuring instruments
- Meters
- Test equipment
- RT Flow measurement
- Orifice meters
- Rotating meters
- Stream gages
- Trickle irrigation
- Venturi meters
- Volumetric meters
- Water distribution (applied)
- Water measurement
- Water metering

Water microbiology

USE Aquatic microbiology

Water of crystallization 0704

- RT Crystallization
- Dehydration
- Hydrates
- Water of hydration

Water of hydration 0704

- RT Crystallization
- Dehydration
- Hydrates
- Hydration
- Water of crystallization

Water permits 0501 0503

- BT -Licenses
- Permits
- RT -Irrigation
- Water law
- Water utilization
- Well permits

Water pipes 1311

- BT -Hydraulic structures
- Pipes
- RT Asbestos-cement pipes
- Cast-in-place pipes
- Cast iron pipe
- Closed conduit flow
- Closed conduits
- Concrete pipes
- Pipelines
- Pipe linings
- Plastic pipes
- Water conveyance

Water plans 0808.2

- RT Aqueducts
- Canals
- Conveyance structures
- Diversion
- Export
- Import
- Interbasin water transfers
- International compacts
- Interstate compacts
- Interstate rivers
- Planning
- Policies
- Project planning
- Rivers
- States (geographical)
- Water conveyance
- Water costs
- Water resources
- Water rights
- Water shortage
- Water supply
- Water transfer

Water-plant-soil relationships

USE Soil-water-plant relationships

Water policy 0501

- BT -Policies
- NT Irrigation programs
- RT -Administration
- Competing uses
- Cost allocation
- Cost repayment
- Cost sharing
- Electric power
- Federal project policy
- Flood management
- Flood control
- Governments
- Industrial water
- Institutional constraints
- Institutions
- Interstate
- Irrigation
- Irrigation water
- Multiple purpose projects
- Municipal water
- Navigation
- Non-structural alternatives
- Project planning
- Project purposes
- Recreation
- Water
- Water allocation (policy)
- Water conservation
- Water demand
- Water law
- Water resources
- Water resources development
- Water supply
- Water utilization
- Water zoning
- Wild rivers

Water pollution 1302.2

- UF Contamination (water)
- Nuisance (water law)
- Pollution (water)
- NT Stream pollution
- Thermal pollution
- RT Acid streams
- Aquatic environment
- Aquatic microbiology
- Artificial use
- Biochemical oxygen demand
- Brackish water

WATER POLLUTION CONTROL

Water pollution (Con.)

- Chemical oxygen demand
- Condemnation
- Contamination
- Dilution
- Diseases
- Dispersion
- Disposal
- Dystrophy
- Environmental engineering
- Environmental sanitation
- Epidemiology
- Epizootiology
- Groundwater quality
- Human diseases
- Impaired water quality
- Industrial wastes
- Industrial waste treatment
- Limnology
- Malencaves
- Microenvironment
- Morbidity
- Mortality
- Multiple purpose projects
- Non-consumptive use
- Organic wastes
- Path of pollutants
- Pollutant identification
- Pollutants
- Pollution abatement
- Pollution control
- Public health
- Radioactive wastes
- Reasonable use
- Riparian rights
- Sanitary engineering
- Self-purification
- Sewage
- Sewage disposal
- Sewage treatment
- Sewage treatment plants
- Soil contamination effects
- Standards
- Toxins
- Treatment facilities
- Warring systems
- Waste disposal
- Wastes
- Waste water
- Waste water (pollution)
- Waste water use
- Water
- Water allocation (policy)
- Water analysis
- Water chemistry
- Water conservation
- Water pollution effects
- Water pollution treatment
- Water quality
- Water resources
- Water supply
- Water treatment
- Water utilization

Water pollution abatement

USE Pollution abatement

Water pollution control 1302.2

- BT -Control
- Pollution control
- RT -Abatement
- Non-structural alternatives
- Pollutants
- Pollution abatement
- Water management (applied)
- Water pollution treatment
- Water quality control
- Water quality standards
- Water recirculation
- Water resources management
- Water treatment
- Water treatment plants

Water pollution effects 1302.2

- BT -Effects
- RT -Acidity
- Aesthetics
- Color
- Diseases
- Epidemics
- Epidemiology
- Eutrophication
- Fishkill
- Fouling
- Morbidity
- Mortality
- Odor
- Oxygen sag
- Phytotoxicity
- Pollutants

- Radioactivity effects
- Stagnant water
- Stream pollution
- Taste
- Toxicity
- Turbidity
- Water pollution
- Water properties
- Water quality

Water pollution sources 1302.2

- RT -Acid mine water
- Agricultural chemicals
- Algal poisoning
- Animal wastes (wildlife)
- Aquatic algae
- Aquatic bacteria
- Aquatic fungi
- Aquatic insects
- Aquatic microorganisms
- Bacteriophage
- Bioassay
- Biological warfare
- Brackish water
- Canneries
- Chemcontrol
- Chemical warfare
- Coal mine wastes
- Cooling water
- Decomposing organic matter
- Detergents
- Domestic wastes
- Effluence
- Effluents
- Fallout
- Fertilizers
- Fuels
- Gasoline
- Groundwater quality
- Heated water
- Heavy metals
- Industrial wastes
- Mine acids
- Mine wastes
- Mine water
- Municipal wastes
- Nematodes
- Nitrates
- Odor-producing algae
- Oil wastes
- Oily water
- Organic wastes
- Pesticide residues
- Phenols
- Plants (botany)
- Pollutant identification
- Pollutants
- Protozoa
- Pulp wastes
- Radioactive wastes
- Radioisotopes
- Red tide
- Return flow
- Saline water
- Saline water intrusion
- Saw mills
- Sea nettles
- Sewage
- Sewage bacteria
- Sewage effluents
- Ships
- Silt
- Strip mine wastes
- Sulfite liquors
- Surfactants
- Taste-producing algae
- Textiles
- Urine
- Viruses
- Waste identification
- Wastes

Water pollution treatment 1302.2

- UF -Decontamination (water)
- BT -Treatment
- Water treatment
- RT -Abatement
- Aeration
- Application equipment
- Biodegradation
- Brackish water
- Coagulation
- Filtration
- Foam fractionation
- Froth flotation
- Hydrogenation
- Oily water
- Permeable membranes
- Pesticide removal

- Pollutants
- Sewage treatment
- Stream improvement
- Waste dilution
- Waste treatment
- Waste water treatment
- Water pollution
- Water pollution control
- Water purification
- Water treatment plants

Water power

USE Hydroelectric power

Water pressure 2004

- BT -Pressure
- NT -Hydrostatic pressure
- RT -Artesian aquifers
- Artesian water
- Artesian wells
- Cavitation index
- Horizontal loads
- Hydraulic excavation
- Hydraulic gradient
- Hydraulic pressure
- Hydrostatics
- Pressure head
- Pressure tests
- Uplift pressure
- Water

Water pricing 0503

- RT -Costs
- Economics
- Irrigation practices
- Water costs
- Water demand
- Water management (applied)
- Water resources
- Water reuse
- Water supply
- Water utilization

Waterproofing 1308

- RT -Asphalt membranes
- Caulking
- Coatings
- Impervious blankets
- Impervious linings
- Impervious membranes
- Linings
- Moistureproofing
- Preservation
- Protective coatings
- Sealants
- Seal coat
- Soil sealants
- Surfacing
- Water seals
- Watertight
- Weatherproofing

Water properties 1407

- (properties of water)
- UF -Nature of water
- BT -Properties
- RT -Acidity
- Adsorption
- Alkalinity
- Aquatic environment
- Aqueous solutions
- Biochemical oxygen demand
- Biological properties
- Capillary action
- Chemical oxygen demand
- Chemical properties
- Chemical stratification
- Color
- Compressibility
- Conductivity
- Density stratification
- Dystrophy
- Electrolytes
- Eutrophication
- Evaporation
- Hardness (water)
- Hydraulic properties
- Hydrogen bonding
- Hydrographs
- Hydrologic properties
- Hydrometry
- Hydrostatic pressure
- Immiscibility
- Limnology
- Mechanical properties
- Nansen bottles
- Nutrients
- Oligotrophy
- Organic matter

- Organoleptic properties
- Oxidation-reduction potential
- Oxygen
- pH
- Physical properties
- Radioisotopes
- Rigidity
- Salinity
- Surface tension
- Taste
- Thermal conductivity
- Trace elements
- Turbidity
- Turbulence
- Vapor pressure
- Viscosity
- Water
- Water analysis
- Water chemistry
- Water pollution effects
- Water quality
- Water structure
- Water types
- Wettability

Water pumping

USE Pumping

Water purification 1302.1

- UF -Purification (water)
- Water clarification
- BT -Treatment
- Water treatment
- NT -Self-purification
- RT -Abatement
- Activated carbon
- Aeration
- Biological treatment
- Centrifugation
- Chlorination
- Coagulation
- Demineralization
- Desalination
- Dialysis
- Diatomaceous earth
- Disinfection
- Distillation
- Effluent reuse
- Electrochemistry
- Environmental sanitation
- Filtration
- Fluoridation
- Foam fractionation
- Froth flotation
- Hydrogenation
- Impaired water quality
- Ion exchange
- Oxygenation
- Pesticide removal
- Potable water
- Public Health
- Settling basins
- Toxins
- Water analysis
- Water filters
- Water pollution treatment
- Water quality
- Water softening
- Water spreading
- Water treatment plants

Water quality 1302.1 1302.2

- BT -Chemical properties
- NT -Impaired water quality
- RT -Aquatic microbiology
- Aquifer characteristics
- Biochemical oxygen demand
- Bioindicators
- Boiler feed water
- Brackish water
- Calefaction
- Chemical oxygen demand
- Color
- Color reactions
- Desalination
- Domestic water
- Dystrophy
- Eutrophication
- Flow augmentation
- Groundwater quality
- Hardness (water)
- Industrial water
- Irrigation water
- Leaching
- Limnology
- Mineral content
- Nitrates
- Nutrients

THESAURUS OF TERMS

Water quality (Con.)

Odor
Odor-producing algae
Oligotrophy
-Organoleptic properties
Oxygen content
-Oxygen demand
Pesticide residues
Potable water
Public health
Radioactivity
Recreation
Reclaimed water
-Recreation
Salinity
Salt balance
-Standards
Stream pollution
Taste
Taste-producing algae
Turbidity
Waste dilution
Waste water use
-Water
Water analysis
-Water chemistry
Water filters
-Water pollution
Water pollution effects
Water properties
-Water purification
Water quality control
Water quality standards
-Water resources
Water sampling
Water softening
Water sources
Water supply systems
Water temperature
-Water treatment

Water quality control 1302.1 1302.2

BT -Control
-Quality control
RT -Abatement
Aeration
-Flow augmentation
Groundwater quality
Impaired water quality
Multilevel outlets
Non-structural alternatives
Reservoir capacity
Reservoir storage
-Water management (applied)
Water pollution control
-Water quality
Water quality standards
-Water resources management
-Water treatment
Water treatment plants

Water quality standards 1302.2

BT -Standards
RT -Federal jurisdiction
-Legal aspects
Legislation
State jurisdiction
Water analysis
Water pollution control
-Water quality
Water quality control

Water rates 0503

BT -Rates
-Use rates
RT -Costs
Parity prices
Parity ratios
-Prices
-Pricing
-Utilities
Water costs
Water supply
Water users
-Water utilization
Water values
-Waterworks

Water recirculation 1302

UF Recirculation (water)
RT -Circulation
Cooling towers
Feed pumps
-Feed water
-Industrial waste treatment
-Industrial water
Recirculating irrigation system
Reclaimed water
Waste water

Waste water use
Water conservation
Water pollution control
-Water reuse
-Water treatment

Water reclamation

USE Water reuse

Water-reducing agents 1303.1

BT -Additives
-Chemicals
-Concrete additives
RT -Admixtures
Concrete mixes
-Concrete placing
-Concretes
-Concrete technology
-Dispersants
Water-cement ratio

Water release

USE Discharge (water)

Water renovation

USE Water reuse

Water requirements 0203.1 0808.2

UF Irrigation water requirements
Moisture requirements
BT -Requirements
RT -Agriculture
Consumptive use (water)
Crop production
Cytological studies
Degree days
Demand (irrigation systems)
-Digestion
Duty of water
-Economics
Excess water (soils)
Farm units
Fertilization
Irrigable land
-Irrigation
-Irrigation canals
Irrigation efficiency
-Irrigation practices
Land development
Lysimeters
Moisture stress
Moisture uptake
-Plant growth
Respiration
Specifications
-Surface irrigation
-Water
Water allocation (policy)
Water application rate
Water demand
Water distribution (applied)
Water resources development
Water supply
-Water utilization

Water resources 0808.2

BT -Natural resources
-Resources
NT Hydroelectric resources
RT Allotments
Civil engineering
-Groundwater
-Hydrologic aspects
Hydrologic cycle
-Hydrology
-Lakes
Land resources
-Phreatic water
-Ponds
-Precipitation (atmospheric)
River basin development
-Rivers
-Streams
-Subsurface waters
-Surface waters
-Water
Water conservation
-Water management (applied)
Water plans
-Water policy
-Water pollution
Water pricing
-Water quality
Water resources development
Water supply
-Water supply forecasting
-Water treatment
Water treatment plants
-Water utilization

-Waterways

Water resources development

1302
UF Water development
BT -Resource development
RT -Administration
Area redevelopment
Cities
Conjunctive use
-Conservation
Economic growth
Federal government
Flood plain zoning
-Governments
Hydroelectric resources
-Institutions
Interbasin water transfers
Interstate
Interstate commissions
Laws
Legislation
Local governments
Multiple purpose projects
-Natural resources
Non-structural alternatives
Optimum development plans
Overdraft
-Planning
Political aspects
Project purposes
-Resource conservation
-Resources
River basin development
-Social aspects
State governments
Urbanization
Water allocation (policy)
Water conservation
-Water law
-Water policy
Water requirements
-Water resources
Water supply
Water supply systems
-Water utilization

Water resources management

0808.2
BT -Management
NT Clear-cutting
Groundwater management
Marsh management
Snow management
Watershed management
RT Automatic control
Control systems
-Drainage
Drainage engineering
Drainage practices
Drainage programs
Drainage systems
-Erosion control
Evaporation control
Flood control
Flood routing
-Groundwater
Groundwater mining
Groundwater recharge
-Groundwater sources
-Irrigation
Irrigation engineering
Irrigation operation & maintenance
-Irrigation practices
Remote control
-Reservoir operation
Water control
Water pollution control
Water quality control
-Weather modification

Water resources planning

USE Planning

Water reuse 1302

UF Reclamation (waste water)
Reclamation (water)
Waste water reclamation
Water reclamation
Water renovation
BT -Reclamation
NT Waste water use
RT -Artificial recharge
Diversion loss returns
Drainage water
Effluent reuse
-Industrial water

WATER SEALS

-Industries
-Irrigation practices
-Irrigation systems
-Irrigation water
-Recharge
Recirculated water
Reclaimed water
Return flow
Salvage value
-Sewage treatment
Tertiary treatment
Waste water
Waste water (pollution)
Waste water use
Water allocation (policy)
Water analysis
Water demand
Water pricing
Water recirculation
Water salvage
-Water utilization

Water rights 0504.1

UF Irrigation laws
NT Adjudication procedure
Appropriation (water rights)
Natural flow doctrine
Preferences (water rights)
Prescriptive rights
-Prior appropriation
Pueblo water rights
-Riparian rights
RT Administrative agencies
Boundary disputes
Competing uses
Equitable apportionment
Federal jurisdiction
Federal-state water rights conflicts
Irrigated land
-Irrigation
-Irrigation water
-Jurisdiction
Land tenure
-Legal aspects
Legislation
Litigation
Non-structural alternatives
Overlying proprietor
Regulated flow
Relative rights
Reservation doctrine
State jurisdiction
-Streamflow
Water allocation (policy)
Water contracts
-Water law
Water plans
Water supply
Water transfer
-Water utilization
Withdrawn lands

Water salvage 1302

BT -Salvage
RT -Artificial recharge
Groundwater recharge
-Irrigation practices
-Irrigation water
Recirculated water
Recirculating irrigation system
Reclaimed water
-Reclamation
Return flow
-Sewage treatment
Tertiary treatment
Water allocation (policy)
Water demand
-Water reuse
-Water utilization

Water samplers

USE Water sampling

Water sampling 1402

UF Water samplers
BT -Sampling
RT -Field investigations
Groundwater quality
-Samplers
-Water
Water analysis
-Water quality
Water softening
-Water treatment

Water seals 1101

BT -Seals (stoppers)
RT -Asphalt cement

WATERSHED MANAGEMENT

Water seals (Con.)

- Asphalts
- Flexible linings
- Gaskets
- Gate seals
- Joint fillers
- Leakage
- Linings
- Moistureproofing
- Sealants
- Sealing compounds
- Water loss
- Waterproofing
- Water stops

Watershed management 0501

- UF Watershed protection
- BT -Management
- Water management (applied)
- Water resources management
- RT Clear-cutting
- Control
- Corn belt
- Cultivated lands
- Cutting management
- Erosion control
- Farm ponds
- Flood control
- Flood plain regulation
- Flood plain studies
- Forest management
- Grassed waterways
- Habitat improvement
- Land management
- River basin development
- Sediment yield
- Soil management
- Surface runoff
- Water conservation
- Watersheds (basins)
- Water spreading
- Water storage
- Water supply
- Water utilization
- Water yield
- Water yield improvement
- Water zoning
- Weed control
- Wildlife management

Watershed protection

- USE Watershed management

Watersheds (basins) 0808

- BT -Regions
- NT Agricultural watersheds
- Demonstration watersheds
- Large watersheds
- River basins
- Small watersheds
- RT Acreage
- Alpine
- Basins
- Catchments
- Closed basins
- Drainage
- Drainage basins
- Flood control
- Flood estimate
- Flood forecasting
- Flood frequency
- Flood hydrology
- Flood plain regulation
- Flood plain studies
- Floods
- Flood stages
- Forestry
- Groundwater basins
- Groundwater hydrology
- Headwaters
- Hydrographs
- Hydrology
- Hypsometric analysis
- Interfluvies
- Lake basins
- Land use
- Multiple purpose projects
- Overland flow
- Peak runoff
- Post-impoundment
- Pre-impoundment
- Rainfall
- Rational formula
- Rivers
- River systems
- Runoff
- Runoff coefficient
- Sediment yield
- Stream drainage patterns
- Streamflow

- Streamflow regulation
- Streams
- Surface runoff
- Surface waters
- Time of concentration
- Valleys
- Water collection systems
- Water conservation
- Watershed management
- Watersheds (divides)
- Water sources
- Water supply
- Water table
- Waterways
- Water yield

Watersheds (divides) 0806

- UF Drainage divides
- Natural drainage divides
- RT Drainage basins
- Drainage systems
- Hydrology
- Interfluvies
- Mountains
- Ranges
- Riparian rights
- Rivers
- Runoff
- Valleys
- Watersheds (basins)

Water shortage 0808

- RT Droughts
- Hydrologic budget
- Low flow
- Moisture deficit
- Reservoir operation
- Water conservation
- Water demand
- Water distribution (applied)
- Water loss
- Water plans
- Water storage
- Water supply
- Water utilization
- Weather modification

Water skiing 0511

- BT -Recreation
- Water sports
- RT Skiing

Water softeners

- USE Water softening

Water softening 1302.1

- UF Water softeners
- BT -Treatment
- Water treatment
- RT -Demineralization
- Desalination
- Detergents
- Hardness (water)
- Impaired water quality
- Ion exchange
- Nuclear desalting
- Scaling
- Soaps
- Water chemistry
- Water purification
- Water quality
- Water sampling
- Water treatment plants
- Water utilization

Water-soil-plant relationships

- USE Soil-water-plant relationships

Water sources 0808

- RT -Aquifers
- Artesian aquifers
- Artesian wells
- Bodies of water
- Clouds
- Cloud seeding
- Connate water
- Demineralization
- Desalination
- Drainage systems
- Farm ponds
- Glaciers
- Groundwater
- Groundwater basins
- Groundwater potential
- Groundwater quality
- Groundwater recharge
- Groundwater sources
- Hydrologic cycle
- Hydrology

- Ice
- Injection wells
- Irrigation systems
- Irrigation water
- Juvenile water
- Oceans
- Perched water
- Precipitation (atmospheric)
- Prior appropriation
- Rain
- Reclaimed water
- Reservoirs
- Return flow
- Riparian rights
- Runoff
- Seepage
- Snowmelt
- Spring waters
- Streams
- Surface runoff
- Surface waters
- Underground streams
- Waste water (pollution)
- Water
- Water collection systems
- Water costs
- Water quality
- Watersheds (basins)
- Water types
- Water wells
- Weather modification

Water sports 0511

- BT -Recreation
- NT Boating
- Sport fishing
- Surf-boarding
- Surf-casting
- Swimming
- Water skiing
- RT -Fishing
- Fishing gear
- Hunting
- Marinas
- Scuba diving

Water spreading 0203.1 0808.1

- UF Spreading
- BT -Water management (applied)
- RT Arid lands
- Artificial recharge
- Ditches
- Diversion
- Diversion structures
- Flooding
- Flood irrigation
- Flood protection
- Flow control
- Furrow systems
- Infiltration
- Irrigation effects
- Irrigation practices
- Pit recharge
- Ponding
- Spreading basins
- Surface drainage
- Water purification
- Watershed management

Water stage recorders 1403

- BT -Instrumentation
- RT Floats
- Float wells
- Flood hydrology
- Gaging stations
- Hydrologic data
- Hydrologic instruments
- Liquid level gages
- Open channel flow
- River flow
- Stilling wells
- Stream gaging station
- Water wells

Water stops 1101

- RT -Asphalts
- Construction joints
- Flexible linings
- Gaskets
- Horizontal joints
- Joint fillers
- Linings
- Longitudinal joints
- Plugs
- Sealants
- Sealing compounds
- Transverse joints
- Vertical joints
- Water seals

Water storage 1302.6

- BT -Storage
- NT Bank storage
- Dead storage
- Depression storage
- Pumped storage
- Reservoir storage
- Soil water storage
- RT Antecedent precipitation
- Aquifer characteristics
- Cisterns
- Conjunctive use
- Contour farming
- Dams
- Droughts
- Drought tolerance
- Farm ponds
- Flood routing
- Groundwater
- Hydraulic structures
- Hydrologic budget
- Hydrologic equation
- Hydrology
- Large watersheds
- Pondage
- Ponding
- Porosity
- Pumping plants
- Queueing theory
- Recharge
- Retention
- Routing
- Seepage
- Specific retention
- Specific yield
- Stock ponds
- Storage capacity
- Storage coefficient
- Storage tanks
- Surface-groundwater relationships
- Surplus water
- Water
- Water balance
- Water conservation
- Water distribution (applied)
- Watershed management
- Water shortage
- Water supply
- Water tanks
- Xerophytes
- Xylem

Water structure 0702

- BT -Structure
- RT Hydrogen bonding
- Molecular structure
- Water analysis
- Water chemistry
- Water properties

Water supply 0808 1302.1

- BT -Supply
- RT Ablation
- Civil defense
- Conjunctive use
- Desalination plants
- Diversion dams
- Environmental sanitation
- Forecasting
- Groundwater
- Hydrologic equation
- Hydrology
- Industrial water
- Interbasin water transfers
- Lagoons (ponds)
- Low-flow augmentation
- Multiple purpose projects
- Natural resources
- Overdraft
- Pipelines
- Precipitation (atmospheric)
- Pumped storage
- Recharge
- Reservoir capacity
- Reservoir operation
- Reservoir storage
- Reservoir yield
- Resources
- River basin development
- River forecasting
- Sanitary engineering
- Snowmelt
- Surface waters
- Waste water use
- Water
- Water allocation (policy)
- Water conservation
- Water conveyance
- Water costs

THESAURUS OF TERMS

Water supply (Con.)

Water delivery
Water demand
Water distribution (applied)
-Water management (applied)
Water plans
-Water policy
-Water pollution
Water pricing
Water rates
Water requirements
-Water resources
Water resources development
-Water rights
Watershed management
-Watersheds (basins)
Water shortage
-Water storage
-Water table
-Water treatment
-Water utilization
-Water wells
-Waterworks
-Water yield
-Weather modification

Water supply forecasting 0808

BT -Forecasting
NT River forecasting
Runoff forecasting
Streamflow forecasting
RT Estimating
-Evaporation
-Evapotranspiration
Flood forecasting
-Groundwater
-Groundwater sources
-Hydrology
-Meteorology
-Precipitation (atmospheric)
-Rainfall
-Runoff
-Snow
Snow cover
Snowfall
Snow gages
Snow management
Snowmelt
Snowpacks
Snow samplers
Snow surveys
Surface runoff
-Water resources
Weather forecasting

Water supply systems 1302.1

RT Aqueducts
-Civil engineering
-Dams
Desalination plants
-Distribution systems
-Groundwater
-Hydrology
Multiple purpose projects
-Pipelines
Plumbing
Potable water
Pumped storage
-Reservoir operation
Sanitary engineering
-Water quality
Water resources development
-Water treatment
Water treatment plants
-Water wells

Water surface 0808

RT Backwater profiles
Banks
-Bodies of water
-Canals
-Concrete structures
Control structures
-Dams
-Gaging stations
Hook gages
-Lakes
-Ponds
-Reservoirs
-Rivers
Spillway profiles
-Spillways
-Water surface profiles
Weir crests
Weir gages

Water surface profiles 0808

BT -Profiles
NT Backwater profiles
Drawdown curves

RT Backwater
Control structures
Critical depth
Design flow
Discharge measurement
-Flow control
Hydraulic gradient
Open channel flow
-Rivers
Spillway profiles
Streamflow
Water surface

Water table 0808.1

NT Perched water table
RT -Aquifers
Bank storage
Barometric efficiency
Base flow
Depth
-Damage
-Drawdown
-Groundwater
Groundwater basins
Groundwater depletion
Groundwater flow
Groundwater hydrology
Groundwater mounds
-Groundwater sources
Height
-Hydrologic models
Induced infiltration
Influent streams
Large watersheds
-Moisture content
Natural recharge
Observation wells
Perched water
Phreatic lines
-Phreatic water
-Phreatophytes
Piezometry
Potentiometric level
Quicksand
-Recharge
Recharge wells
River basins
Saturated soils
Soil water movement
-Springs (water)
-Streams
Strip aquifers
Subsurface moisture
Tile spacing
Two-part aquifers
-Water
Water distribution (applied)
-Water levels
-Watersheds (basins)
Water supply
-Water wells
-Water yield
Water yield improvement
-Well logging
Wellpoints
-Zone of aeration
Zone of saturation

Water tanks 1313.5

UF Water towers
BT -Containers
-Tanks (containers)
NT Cisterns
RT -Concrete structures
Concrete tanks
-Reservoirs
Standpipes
Water distribution (applied)
-Water storage

Water temperature 0808

BT -Temperature
RT Air temperature
-Aquatic environment
Bathythermographs
Heated water
-Limnology
Microenvironment
Multilevel outlets
Selective level releases
Thermal water
-Water quality

Watertight 1407

RT Caissons
Chemical sealants
Floats
-Grouting
Grouting pressure

Impervious blankets
Impervious linings
Impervious membranes
-Leakage
Permeability
Pontons
Reservoir leakage
-Sealants
Sealing compounds
Soil sealants
Waterproofing

Water lowers

USE Water tanks

Water transfer 0808

BT -Transfer
RT Interbasin water transfers
-Legal aspects
Litigation
Water conveyance
-Water law
Water plans
-Water rights

Water transportation 1505

UF River traffic
River transportation
BT -Transportation
RT Barges
-Canals
-Hydraulic structures
-Ocean currents
Stream channels
-Tunnels
-Waterways

Water treatment 1302.1

UF Hydrotreat
Water conditioning
BT -Treatment
NT Desalination
-Demineralization
Desalination
Pre-treatment (water)
Self-purification
Waste water treatment
Water pollution control
Water purification
Water softening
RT Activated carbon
-Adsorption
Aeration
Aerobic treatment
Aesthetics
Cation exchange
Chlorination
Coagulation
-Corrosion control
Demineralizers
-Dialysis
Effluent reuse
Electrokinetic potential
-Environmental engineering
Feeders
-Feed water
Filtration
-Flotation
Fluoridation
-Hydrology
-Industrial water
Insect control
International waters
-Ion exchange
-Membrane processes
Neutralization
Oxygenation
Reclaimed water
Sand filters
Sanitary engineering
Scale prevention
-Sedimentation
Sedimentation tanks
-Separation techniques
-Sewage
Treatment facilities
Waste water use
-Water
Water analysis
Water conservation
Water distribution (applied)
Water filters
-Water pollution
Water pollution control
-Water quality
Water quality control
Water recirculation
-Water resources
Water sampling

WATER TUNNELS (TESTING)

Water supply
Water supply systems
Water treatment plants
Zeolites

Water treatment plants 1302.1

BT -Utilities
-Waterworks
RT Activated carbon
Aeration
Aerobic treatment
Aesthetics
Chlorination
Coagulation
Deaeration
Desalination
-Dialysis
Effervescence
-Effluents
Filtration
Flocculation
Mixing
Oxygenation
Pre-treatment (water)
Public health
Public works
Reclaimed water
Sedimentation
Self-purification
-Treatment
Treatment facilities
Waste water treatment
Water pollution control
Water pollution treatment
-Water purification
Water quality control
-Water resources
Water softening
Water supply systems
-Water treatment
Zeolites

Water tunnels (conveyance) 1313.2

BT -Conduits
-Engineering structures
-Hydraulic structures
-Tunnels
-Underground structures
NT Diversion-tunnels
Pressure tunnels
RT Aqueducts
Concrete linings
-Conveyance structures
Discharge lines
Engineering geology
-Excavation
Flow resistance
Free flow
Friction coefficient (hydraulic)
-Hydraulics
Hydroelectric power
Interbasin water transfers
Mining engineering
-Outlet works
Penstocks
-Rock bolts
Shafts (excavations)
-Spillways
-Tunnel construction
Tunnel design
Tunnel failure
Tunnel hydraulics
Tunneling
Tunneling machines
Tunnel linings
Tunnel plugs
Tunnel pressures
Underground powerplants
Unlined tunnels
Water conveyance
Water distribution (applied)
Water hammer

Water tunnels (testing) 1313.2

BT -Conduits
-Tunnels
RT Cavitation index
Design flow
Flow measurement
Friction coefficient (hydraulic)
Head losses
Hydraulic properties
Hydrostatics
-Piezometers
Tunnel pressures
Water hammer

WATER TYPES

Water turbines

USE Hydraulic turbines

Water types 0808

Use of a more specific term is recommended

NT - Acidic water

Adsorbed water

Alkaline water

Bound water

Brines

-Capillary water

Confined water

Connate water

Cooling water

Developed waters

Domestic water

Drainage water

Excess water (soils)

Floodwater

-Fresh water

Fringe water

Gravitational water

Heated water

Heavy water

Hydraulic mining water

Hygroscopic water

Impounded waters

-Industrial water

-Irrigation water

Juvenile water

-Meteoric water

Mineral water

Municipal water

Percolating water

Potable water

Precipitable water

Rain water

Recirculated water

Reclaimed water

-Saline water

Sea water

Snowmelt

-Soil water

Spring waters

Stagnant water

Stock water

-Subsurface waters

Surplus water

Thermal water

-Vadose water

Waste water (pollution)

RT - Aquatic environment

-Bodies of water

-Hydrology

-Ice

Liquids

-Running waters

-Runoff

-Seepage

Shallow water

-Standing waters

Steam

-Surface waters

Sweat

Tidal waters

-Water

Water properties

Water sources

-Water vapor

Water use

USE Water utilization

Water users 0501

BT - Consumers

RT - Industrial water

Irrigation districts

Irrigation operation & maintenance

-Marketing

Repayment contracts

Water demand

Water rates

Water utilization 0008.2 1302

UF Moisture use

Use of water

Water use

NT Competing uses

Natural use

Non-consumptive use

RT Air conditioning

Circulation (plants)

Conjunctive use

-Costs

Crop production

Demand (irrigation systems)

-Depletion

Division

Drought tolerance

Duty of water

Evaporation control

Evapotranspiration control

-Fishing

Groundwater mining

Hunting

Hydroelectric powerplants

-Hydrology

-Industrial plants

Irrigation programs

Lawns

Low-flow augmentation

-Marketing

Moisture uptake

-Natural resources

Non-structural alternatives

Optimization

Optimum development plans

Overdraft

Performance

-Phreatophytes

Political aspects

Potable water

-Prior appropriation

Project purposes

-Quality control

Reasonable use

Recirculated water

-Recreation

-Riparian rights

Root systems

-Soil moisture

-Soil water

-Standards

Transpiration control

-Use rates

-Utilities

Waste dilution

Water allocation (policy)

Water conservation

Water consumption

Water conveyance

Water demand

Water distribution (applied)

-Water loss

-Water management (applied)

Water permits

-Water policy

-Water pollution

Water pricing

Water rates

Water requirements

-Water resources

Water resources development

-Water reuse

-Water rights

Water salvage

Watershed management

Water shortage

Water softening

Water supply

-Water utilization

Withdrawal

-Zoning

Water values 0503

BT - Value

RT Water rates

Water vapor 0704

BT - Fluids

-Gases

-Moisture

-Vapors

NT Precipitable water

RT - Atmosphere

-Condensation

Humidity

Mist

Steam

Sublimation

Vapor pressure

-Water content

-Water types

Water waves

USE Waves (water)

Waterways 1302

NT Aqueducts

-Canals

-Channels

Concrete-lined canals

-Drains

Estuaries

Floodways

-Flumes

Grassed waterways

-Inland waterways

Inlets (waterways)

Intake channels

Interstate rivers

-Irrigation canals

Natural streams

Navigable rivers

-Non-perennial streams

-Open channels

Perennial streams

-Rivers

Stream channels

-Streams

Tributaries

Wild rivers

RT Barges

Channel design

Channel morphology

Coastal engineering

-Hydraulic structures

-Lakes

-Land forms

Large watersheds

Lock gates

-Navigable waters

Oceans

-Reservoirs

Suices

-Thalweg

-Transportation

Underground streams

-Water resources

-Watersheds (basins)

Water transportation

Waterways (grassed)

USE Grassed waterways

Water weeds

USE Aquatic weeds

Water wells 0808.1

BT - Wells

NT Artesian wells

Drainage wells

Injection wells

Irrigation wells

Recharge wells

RT - Aquifers

Aquifer tests

Artesian aquifers

Artificial recharge

Barometric efficiency

-Bodies of water

Deep-well pumping

Deep wells

-Depletion

-Drawdown

Drawdown curves

-Groundwater

Groundwater basins

Groundwater depletion

Groundwater mining

-Hydrogeology

Induced infiltration

Infiltration

Land subsidence

Observation wells

Perched water

-Phreatic water

Potentiometric level

Rapid drawdown

-Recharge

Shallow wells

Specific capacity

-Springs (water)

Storage coefficient

Strip aquifers

-Subsurface drainage

Two-part aquifers

-Water levels

Water sources

Water stage recorders

Water supply

Water supply systems

-Water table

-Well logging

Wellpoints

Well spacing

Water wheels 1307.1

BT - Hydraulic equipment

-Wheels

RT Blades

Draft tubes

-Electric power production

-Hydraulic turbines

Hydroelectric power

Tailrace

Turbine blades

Turbine runners

-Turbines

Turbine wheels

Water wilching

USE Dowsing

Waterworks 1302.1

BT - Utilities

NT Water treatment plants

RT - Equipment

Hydrants

-Industrial plants

Public works

Sanitary engineering

Water control

Water conveyance

Water distribution (applied)

Water rates

Water supply

Water year 0808

UF Hydrologic year

RT Annual

THESAURUS OF TERMS

WEATHER DATA

Wave action (Con.)

Bores (wave)
Dam facings
Fretboard
-Mechanical waves
Ocean beaches
Ocean waves
Riprap
Shore protection
Tsunamis
Wave energy
Wave height
Wave run-up
-Waves
-Waves (water)

Wave energy 2004

BT -Energy
RT Amplitude
Dam facings
-Frequency
-Mechanical waves
-Ocean waves
Wave action
Wave height
Wavelength
Wave propagation
-Waves

Waveforms 2014

UF Wave shape
RT Amplitude
-Curves
-Electric current
-Electric potential
Fourier analysis
Graphical analysis
-Mechanical waves
-Noise (sound)
-Ocean waves
Oscillations
-Periodic variations
-Profiles
-Shape
Transients
Wavelength
Wave period
-Waves

Wave generation 2004

RT -Currents (water)
-Disturbances
-Elastic waves
Flow around objects
-Hydraulics
-Mechanical waves
-Ocean waves
Pulsating flow
Surge waves
Tidal effects
Tsunamis
Wakes
Wave height
Wave period
-Waves
Wave tanks
Wave velocity
-Wind (meteorology)

Wave height 2004

RT Amplitude
Dam facings
Fetch
Freeboard
-Mechanical waves
Tsunamis
Wave action
Wave energy
Wave generation
Wave run-up
-Waves
-Waves (water)
Wave suppressors
Wave velocity

Wavelength 2014

RT Amplitude
-Elastic waves
-Electromagnetic waves
-Frequency
Harmonics
Infrared radiation
Interferometers
Longitudinal waves
-Mechanical waves
Microwaves
Nodes
-Radiation
-Radio waves
Wave energy

Waveforms
Wave period
Wave propagation
-Waves
-Waves (water)
Wave velocity

Wave period 2014

RT -Frequency
-Mechanical waves
Standing waves
-Surges
Surge waves
Waveforms
Wave generation
Wavelength
Wave propagation
-Waves
Wave velocity

Wave pile-up 2004

RT -Channels
-Critical flow
Supercritical flow
-Waves
-Waves (water)

Wave propagation 2014

BT -Propagation
RT Amplitude
Attenuation
-Energy transfer
-Frequency
Longitudinal waves
-Mechanical waves
-Radiation
Reflection
Transmissivity
Underwater acoustics
Wave energy
Wavelength
Wave period
-Waves
-Waves (water)
Wave velocity

Wave run-up 2004

RT Beach erosion
-Beaches
Beaching
Breakwaters
Bulkheads
Freeboard
Ocean beaches
-Ocean waves
Overlapping
Revetments
Riprap
Sea walls
Shore protection
Tsunamis
Wave action
Wave height
-Waves
-Waves (water)

Waves 1407

BT -Periodic variations
NT Bores (wave)
-Elastic waves
-Electromagnetic waves
Flood waves
Gamma rays
Infrared radiation
Light waves
Longitudinal waves
-Mechanical waves
-Microseisms
Microwaves
-Ocean waves
-Radio waves
Roll waves
-Seismic waves
Shear waves
Shock waves
Solitary waves
-Sound waves
Standing waves
Stress waves
Surge waves
Transitory waves
Transverse waves
Tsunamis
Ultraviolet radiation
-Waves (water)
X-rays

RT -Acoustics
Amplitude
Beaching

-Cycles
-Energy
-Energy transfer
Fluctuation
-Frequency
Harmonics
-Islands
Littoral drift
Natural frequency
Nodes
-Noise (sound)
Pulses
Quantum mechanics
-Radiation
Reflection
-Refraction
Resonance
Rip currents
Ripple marks
-Surges
Transients
Turbulence
-Vibration
-Water
-Water circulation
Water hammer
Wave action
Wave energy
Waveforms
Wave generation
Wave height
Wavelength
Wave period
Wave pile-up
Wave propagation
Wave run-up
Wave suppressors
Wave tanks
Wave velocity
Wind tides

Waves (water) 2004

UF Ripples
Water waves
BT -Mechanical waves
-Periodic variations

-Waves

RT Bores (wave)
Flood waves
Ocean waves
Roll waves
Seiches
Surge waves
-Tides

Tsunamis
RT Beach erosion
Berms
Celerity
-Currents (water)
-Energy
-Erosion
Fetch
Fluctuation
Freeboard

-Frequency
Hydraulic transients
Littoral drift
Longitudinal waves
Pulsating flow
Refraction (water waves)
Rip currents
Ripple marks
Shore protection
Spillway crests
Standing waves
-Surges
Turbulence
-Water
-Water circulation
Water hammer
Wave action
Wave height
Wavelength
Wave pile-up
Wave propagation
Wave run-up
Wave suppressors

Wave shape

USE Waveforms

Wave suppressors 2004

RT Baffles
Freeboard
Headwalls
Laminar flow
Pulsating flow
Surge waves
Vibration damping

Wave height
-Waves
-Waves (water)

Wave tanks 1402

BT -Equipment
RT -Hydraulic models
-Test facilities
Wave generation
-Waves

Wave velocity 2014

BT -Velocity
RT -Elastic waves
-Frequency
Longitudinal waves
-Mechanical waves
-Refraction
Wave generation
Wave height
Wavelength
Wave period
Wave propagation
-Waves

Waxes 1107

RT -Coatings
-Finishes
Moistureproofing
Petroleum
-Protective coatings

Weir resistance 1113

BT -Chemical properties
-Durability
-Mechanical properties
NT Abrasion resistance
RT Abrasion
Fatigue (materials)
Fatigue tests
Friction tests
Hardness
Hardness tests
Toughness

Weather 0402

RT -Air masses
Air temperature
Arid climates
Ceilings (meteorology)
Cirrus clouds
Climatic changes
Climatic data
-Climatology
-Clouds
Convection clouds
Cumulonimbus clouds
Cumulus clouds
Cyclones
Freeze-thaw cycle
Humidity
-Meteorology
Rain
-Snow
-Storms
Stratus clouds
Weather data
Weather forecasting
Weathering
-Weather modification
Weather patterns
-Wind (meteorology)

Weather communications 0402

RT Weather data
Weather maps
Weather stations

Weather data 0402

RT Average
Balloons
-Charts
Climatic data
-Climatology
Data collections
-Documentation
-Hydrometeorological station
Isobars
Isohyets
Isotherms
Meteorological data
-Meteorology
Microenvironment
-Precipitation (atmospheric)
Probable maximum precipitation
Radiosondes
Synoptic analysis
-Tables (data)
Weather

WEATHER FORECASTING

Weather data (Con.)

Weather communications
Weather forecasting
Weather maps
Weather patterns
Weather stations

Weather forecasting 0402

BT - Forecasting
RT Annual floods
Balloons
Meteorological radar
Meteorological satellites
- Meteorology
- Precipitation (atmospheric)
Probable maximum precipitation
- Radar
- Satellites (artificial)
Snow surveys
Synoptic analysis
- Water supply forecasting
Weather
Weather data
- Weather modification
Weather patterns

Weathering 1407

RT Abrasion
Aging (physical)
Chalking
Chemical stability
- Corrosion
Corrosion tests
Cracking
- Curing
- Damages
- Degradation
- Degradation (decomposition)
Deterioration
Detrital soils
Detritus
Efflorescence
Eluvium
- Environmental effects
- Environmental tests
- Erosion
Exposure
- Field tests
- Fractures
Fragmentation
Frost action
Frost heaving
Geochemistry
Geomorphology
Humid areas
Laterites
Leaching
- Mass wasting
Microenvironment
- Precipitation (atmospheric)
Residual soils
Rock alteration
Rockfalls
Rusting
Sedimentary petrology
Soil formation
Soil profiles
Spalling
Vegetation effects
Weather
Wind erosion

Weather maps 0402

BT - Maps
RT - Mapping
Meteorological data
Weather communications
Weather data
Weather stations

Weather modification 0402.1

NT Cloud modification
Cloud seeding
Fog dispersion
Induced precipitation
RT Airborne equipment
Artificial storms
Atmospheric research
- Climatology
Cloud physics
- Conservation
Droughts
Flood control
Frost protection
Ice nuclei
- Legal aspects
Litigation
- Meteorology
Multiple purpose projects
Nuclear generators

Political aspects
- Precipitation (atmospheric)
Probable maximum precipitation
Rain
- Resource conservation
Silver iodide generators
- Storms
- Water management (applied)
- Water resources management
Water shortage
Water sources
Water supply
Weather
Weather forecasting

Weather patterns 0402

RT - Air masses
Anticyclones
Balloons
Cyclones
Depth-area curves
Maximum probable flood
Meteorological radar
- Meteorology
Precipitable water
- Precipitation (atmospheric)
- Profiles
- Radar
Rain
- Storms
Timing
- Tropical cyclones
Weather
Weather data
Weather forecasting

Weatherproofing 1103

RT - Coatings
- Corrosion control
Moistureproofing
Preservation
- Protective coatings
Rust control
- Surfacing
Waterproofing

Weather radar

USE Meteorological radar

Weather stations 0402

BT - Stations
RT - Meteorological instruments
Meteorological satellites
Weather communications
Weather data
Weather maps

Web beams 1313.5

UF Beams (web)
BT - Beams (structural)
- Structural members
RT Columns
- Girders
- Structural design
- Supports

Weber number 0808 2004

RT Dimensional analysis
Surface tension

Wedges 1409

RT Aerodynamics
- Geometric shapes
- Mechanical properties

Weed control 0204 0606

BT - Control
- Pest control
NT Algal control
Aquatic weed control
Brush control
RT Agronomy
Alligatorweed
Antifouling materials
Bank protection
Chaparral
Clear-cutting
- Cultivation
Cultural control
- Cutting management
Farm management
- Flooding
- Flow control
- Herbicides
Horticulture
Mechanical control
Mesquite
- Mulching
- Poisons

Pre-emergents
Rabbitbush
Range management
Riparian plants
Sagebrush
Sago pondweed
Seepwillow
Stubble mulching
Tamarisk
Test canals
Vegetation regrowth
Watershed management
Water yield improvement
Weed growth
- Weeds

Weed growth 0603.1

BT - Growth
- Plant growth
RT Plant growth regulators
Plant growth substances
Plant populations
- Vegetal cover
Vegetation
- Vegetation establishment
Vegetation regrowth
- Weed control
- Weeds

Weedicides

USE Herbicides

Weeds 0603.1

BT - Plants (botany)
NT Alligatorweed
- Aquatic weeds
- Floating weeds
Halimolobos
- Pondweeds
Sago pondweed
Slinging nettles
- Submersed weeds
RT Agronomy
- Aquatic algae
Aquatic weed control
Bermudagrass
- Brush
Ground cover
Invasion
Johnsongrass
- Migration
- Phreatophytes
Plant groupings
Poisonous plants
Riparian plants
Vegetation effects
- Weed control
Weed growth

Weepholes 1302

BT - Drains
RT - Drainage
- Seepage
Underdrains

Weight 1407

BT - Dimensions
- Physical properties
NT Dry weight
Molecular weight
Unit weight
Wet weight
RT - Axial loads
Bulk
Gravimetric analysis
Gravity
Kinetic energy
- Loads (forces)
Mass
Metrology
Minimum weight design
Minimum weight theory
Potential energy
- Pressure
Rock density
Specific gravity
Thickness
Thinness
Total loads
Uplift resistance
Vertical loads
- Void ratio
Volume
Weight loss

Weight loss 1402

BT - Losses
RT Deterioration
- Evaporation

- Weight

Weir boxes

USE Weir ponds

Weir crests 1402

UF Crests (weirs)
RT Broad-crested weirs
Cipolletti weirs
Nappe
Overflow
Rectangular weirs
Sharp crested weirs
Spillway crests
Spillway profiles
Submerged weirs
Vee-notched weirs
Water surface
Weir gages
Weir ponds
- Weirs

Weir gages 1402

BT - Equipment
- Gages
- Hydrologic instruments
- Instrumentation
- Measuring instruments
- Test equipment
RT Rectangular weirs
Spillway profiles
Staff gages
Streamflow regulation
Vee-notched weirs
Water surface
Weir crests
Weir ponds
- Weirs

Weir ponds 1313.1

UF Boxes (weir)
Weir boxes
RT Broad-crested weirs
Cipolletti weirs
Rectangular weirs
Sharp crested weirs
Staff gages
Submerged weirs
Vee-notched weirs
Weir crests
Weir gages
- Weirs

Weirs 1402

NT Broad-crested weirs
Cipolletti weirs
Rectangular weirs
Sharp crested weirs
Submerged weirs
Vee-notched weirs
RT Contraction
- Control
- Dams
- Discharge (water)
Diversion dams
- Flow control
Flow measurement
- Flowmeters
- Flumes
- Gates
- Hydraulic gates
- Hydraulics
Nappe
Ogee crests
Overfalls
Overflow
Overtopping
Spillway crests
- Spillways
Staff gages
Stilling wells
- Streamflow
- Venturi flumes
- Water measurement
Weir crests
Weir gages
Weir ponds

Welded joints 1305

BT - Joints (connections)
RT Butt joints
Circumferential joints
Erection
Fabrication
Fillet welds
Lap joints
Pipe joints
Riveted joints
Spot welding

THESAURUS OF TERMS

Welded joints (Con.)

- Steel
- Steel plates
- Steel structures
- Structural shapes
- Structural steel
- Thick plates
- Thin plates
- Welding
- Welding torches
- Welds

Welding 1308

- NT Arc welding
- Electroslag welding
- Spot welding
- RT Bonding
- Brazing
- Collars
- Construction
- Erection
- Fabrication
- Fillet welds
- Fillings
- Flanges
- Fusion
- Hard surfacing
- Plate girders
- Soldering
- Sparks
- Steel
- Steel structures
- Structural shapes
- Structural steel
- Thick plates
- Thin plates
- Torches
- Welded joints
- Welding torches

Welding torches 1303

- BT -Torches
- RT -Electrodes
- Fabrication
- Welded joints
- Welding

Welds 1305

- NT Fillet welds
- RT Butt joints
- Joints (connections)
- Lap joints
- Pipe joints
- Riveted joints
- Solidification
- Welded joints

Welfare (economics) 0503

- RT Compensation
- Social aspects
- Unemployment

Well casings 0808.1

- BT -Casings
- RT -Corrosion control
- Drilling
- Drills
- Pipes
- Steel pipes
- Well filters
- Wells
- Well screens

Well filters 0808.1

- UF Gravel packs
- Packing (well)
- Well packing
- BT -Filters
- Fluid filters
- RT -Corrosion
- Corrosion control
- Filtration
- Gravels
- Well casings
- Wellpoints
- Wells
- Well screens

Well logging 0807

- BT -Logging (recording)
- NT Electrical well logging
- Radioactive well logging
- RT Borehole geophysics
- Drill hole TV cameras
- Drilling
- Electrical logging
- Exploration
- Gamma probes
- Geologic investigations
- Geophysical logging

- Geophysical prospecting
- Geophysics
- Geothermal prospecting
- Geothermal studies
- Gravimeters
- Magnetometers
- Nuclear probes
- Oil wells
- Perched water table
- Percussion drilling
- Permeability
- Permeability tests
- Porosity
- Radioactivity techniques
- Resistivity surveys
- Rock properties
- Subsurface investigations
- Water table
- Water wells
- Wells

Well packing

- USE Well filters

Well permits 0504.1

- BT -Licenses
- Permits
- RT -Drilling
- Legal aspects
- Percolating water
- Subsurface runoff
- Subsurface waters
- Water permits
- Well regulations
- Wells

Wellpoints 1303

- BT -Construction equipment
- Equipment
- RT -Construction
- Dewatering
- Drainage
- Drainage practices
- Drainage systems
- Drainage wells
- Drains
- Excavation
- Jetting
- Observation wells
- Pump tests
- Relief wells
- Vertical drains
- Water table
- Water wells
- Well filters
- Wells
- Well screens
- Well spacing
- Well yield

Well regulations 0504

- BT -Regulations
- RT -Casings
- Drilling
- Laws
- Legal aspects
- Legislation
- Percolating water
- Saline water intrusion
- Subsurface runoff
- Subsurface waters
- Water conservation
- Well permits
- Wells
- Well spacing

Wells 0808.1 0809

- NT Artesian wells
- Deep wells
- Disposal wells
- Drainage wells
- Injection wells
- Irrigation wells
- Observation wells
- Oil wells
- Recharge wells
- Relief wells
- Shallow wells
- Water wells
- RT Aquifer test
- Artesian aquifers
- Boreholes
- Casings
- Developed waters
- Dewatering
- Drawdown
- Drawdown curves
- Drill holes
- Drilling

- Drilling fluids
- Electrical well logging
- Encasement
- Excavation
- Groundwater
- Inflow
- Land subsidence
- Logging (recording)
- Logs
- Percussion drilling
- Pipes
- Pressure head
- Pumping
- Pumping tests (wells)
- Pumps
- Rapid drawdown
- Rotary drilling
- Saline water intrusion
- Saturation zones
- Shafts (excavations)
- Specific capacity
- Springs (water)
- Subsidence
- Sumps
- Test holes
- Thiem test
- Underground
- Underground openings
- Vertical drains
- Well casings
- Well filters
- Well logging
- Well permits
- Wellpoints
- Well regulations
- Well screens
- Well spacing
- Well yield

Well screens 0808.1

- BT -Screens
- RT -Corrosion control
- Filters
- Fluid filters
- Pipes
- Sand filters
- Screening
- Steel pipes
- Well casings
- Well filters
- Wellpoints
- Wells

Well spacing 0808.1

- RT Darcy's law
- Drawdown
- Dupuit-Forchheimer theory
- Salt water barriers
- Water wells
- Wellpoints
- Well regulations
- Wells

Well yield 0808.1

- RT Discharge measurement
- Drainage wells
- Drawdown
- Flow measurement
- Inflow
- Pumping tests (wells)
- Recharge
- Water measurement
- Water yield
- Wellpoints
- Wells

West Virginia 0806

- BT -Geographical regions
- States (geographical)

Wet climates 0402

- UF Superhumid climates
- BT -Climate
- RT Gray-brown podzolic soils
- Humid areas
- Humid climates
- Pedallers
- Podzols
- Rain forests
- Red podzolic soils
- Subtropic
- Tropic
- Wet condition
- Wet seasons
- Yellow podzolic soils

Wet condition 1407

- RT Moist condition
- Moisture content

WETTING AND DRYING TESTS

- Mud
- Pudding
- Quick clays
- Saturated soils
- Soil classifications
- Visual classifications
- Water content
- Wet climates
- Wetlands
- Wet seasons
- Wet weight

Wetlands 0808

- NT Coastal marshes
- Freshwater marshes
- Mangrove swamps
- Marshes
- Salt marshes
- Swamps
- Tidal marshes
- RT -Aquatic environment
- Aquatic habitats
- Bodies of water
- Flooding
- Fresh water
- Regions
- Shallow water
- Stagnant water
- Standing waters
- Surface waters
- Terrestrial habitats
- Water injury
- Wet condition
- Wildlife conservation

Wetness

- USE Moisture content

Wet seasons 0402

- UF Rainy seasons
- RT Monsoons
- Precipitation (atmospheric)
- Rain forests
- Seasonal
- Wet climates
- Wet condition

Wettability 0704

- BT -Physical properties
- Surface properties
- RT Hygroscopic water
- Interfaces
- Moisture tension
- Permeability
- Soil physical properties
- Soil properties
- Surfaces
- Surface tension
- Surfactants
- Water properties
- Wetting
- Wetting agents

Wetting 0704

- RT -Cooling
- Dipping
- Dust control
- Flooding
- Precooling
- Saturation
- Soaking
- Spraying
- Sprinkling
- Submergence
- Surfactants
- Wettability
- Wetting agents
- Wetting and drying tests

Wetting agents 1107

- UF Agents (wetting)
- BT -Chemicals
- RT -Additives
- Admixtures
- Detergents
- Soaps
- Soil treatment
- Surface properties
- Surfactants
- Wettability
- Wetting

Wetting and drying tests 1402

- BT -Environmental tests
- Materials tests
- Tests
- RT Accelerated tests
- Acceptance tests
- Drying

WETTING FRONT

Wetting and drying tests (Con.)

- Durability
- Exposure
- Laboratory tests
- Resistance
- Wetting

Wetting front 0203.1

- RT Infiltration
- Infiltration rate
- Irrigation
- Irrigation efficiency
- Irrigation practices
- Soil moisture
- Surface irrigation
- Water application rate

Wet weight 1407

- BT -Physical properties
- Weight
- RT -Density
- Dry weight
- Field density
- Moisture content
- Soil density
- Soil physical properties
- Specific gravity
- Unit weight
- Wet condition

Wharves

- USE Docks

Wheat 0204 0603.1

- UF Triticum aestivum
- BT -Agronomic crops
- Cereal crops
- Crops
- Field crops
- Grasses
- Monocots
- Plants (botany)
- RT Grains (crops)

Wheatgrasses 0204 0603.1

- UF Agropyron species
- Blue-joint grass
- Crested wheatgrass
- BT -Agronomic crops
- Crops
- Field crops
- Forage grasses
- Forages
- Grasses
- Monocots
- Plants (botany)
- Range grasses

Wheatstone bridge 1402

- BT -Electric bridges
- Equipment
- Instrumentation
- Measuring instruments
- RT Laboratory equipment

Wheel excavators 1303

- BT -Construction equipment
- Earth handling equipment
- Equipment
- Excavators
- RT -Conveyors
- Wheels

Wheels 1306

- NT Turbine wheels
- Water wheels
- RT -Bearings
- Brakes
- Gears
- Motor vehicles
- Rollers
- Rotors
- Tires
- Wheel excavators

Whirlpools

- USE Eddies

Whistling swan 0603.2

- UF Olor columbianus
- BT -Animals
- Birds
- Non-game birds
- Swans
- Wildlife

White bass 0603.2

- UF Roccus chrysops
- BT -Animals
- Aquatic animals

- Aquatic life
- Fish
- Freshwater fish
- Marine animals
- Marine fish
- Saline water fish
- Sea basses
- Wildlife
- RT Bass

White catfish

- USE Catfishes

White-cedar trees 0603.1

- UF Chamaecyparis species
- BT -Coniferous trees
- Conifers
- Gymnosperms
- Plants (botany)
- Trees
- RT Coniferous forests

White clover 0204 0603.1

- UF Trifolium repens
- BT -Clovers
- Crops
- Dicots
- Horticultural crops
- Legumes
- Plants (botany)
- RT -Agronomic crops
- Forage legumes
- Turf

White fir trees 0206 0603.1

- UF Abies concolor
- BT -Coniferous trees
- Conifers
- Fir trees
- Gymnosperms
- Plants (botany)
- Trees

White-fronted goose 0603.2

- UF Anser albifrons
- BT -Animals
- Aquatic life
- Birds
- Geese (wild)
- Migratory birds
- Waterfowl
- Wildlife

White perch 0603.2

- UF Roccus americanus
- BT -Animals
- Aquatic animals
- Aquatic life
- Fish
- Freshwater fish
- Marine animals
- Marine fish
- Saline water fish
- Sea basses
- Wildlife
- RT -Perches

White pine trees 0206 0603.1

- UF Northern pine trees
- Pinus strobus
- BT -Coniferous trees
- Conifers
- Gymnosperms
- Pine trees
- Plants (botany)
- Trees

White seaperch 0603.2

- UF Phanerodon furcatus
- BT -Animals
- Aquatic animals
- Aquatic life
- Fish
- Marine animals
- Marine fish
- Saline water fish
- Wildlife

White-winged scoter 0603.2

- UF Melanitta deglandi
- Scoter (white-winged)
- BT -Animals
- Aquatic life
- Birds
- Ducks (wild)
- Migratory birds
- Waterfowl
- Wildlife

Wicket gates 1307.1

- UF Wickets
- BT -Gates
- Hydraulic gates
- RT -Flow control
- Governors
- Hydraulic turbines
- Turbine parts

Wickets

- USE Wicket gates

Widgeon (american)

- USE American widgeon

Widgeon (european)

- USE European widgeon

Widgeon grass 0603.1

- BT -Amphibious plants
- Aquatic life
- Aquatic plants
- Plants (botany)
- Rooted aquatic plants
- RT Food and cover crops
- Monocots

Width 1407

- UF Breadth
- BT -Dimensions
- Physical properties
- RT Channel morphology
- Depth
- Distance
- Length
- Spans
- Thickness
- Thinness

Wildlife 0603.2

- BT -Animals
- NT American widgeon
- Ammocoetes
- Amphibians
- Anadromous fish
- Atlantic menhaden
- Atlantic salmon
- Barrows goldeneye duck
- Bass
- Beavers
- Big game
- Black brant
- Black duck
- Blue goose
- Blue-winged teal
- Bottom fish
- Brackish-water fish
- Brant
- Brook trout
- Brown trout
- Buffalo fishes
- Bufflehead duck
- Buttheads
- Canada goose
- Canvasback duck
- Carp
- Carp sucker
- Catadromous fish
- Catfishes
- Cavelishes
- Channel catfish
- Chinook salmon
- Chum salmon
- Cichlids
- Cisco
- Coastal diving ducks
- Cold-water fish
- Commercial fish
- Common elder duck
- Common goldeneye duck
- Common merganser duck
- Common teal
- Cutthroat trout
- Darters
- Deer
- Desmersal fishes
- Ducks (wild)
- Eels
- Elasmobranchs
- Emperor goose
- European widgeon
- Fish
- Forage fish
- Freshwater fish
- Frogs
- Fry
- Fulvous tree duck
- Gadwall duck
- Game birds
- Gars
- Geese (wild)
- Gophers
- Greater scaup duck
- Green-winged teal
- Gulls
- Herrings
- Juvenile fishes
- Killifishes
- Lake trout
- Lampreys
- Lesser scaup duck
- Livebearers
- Low-latitude fishes
- Madtoms
- Mallard duck
- Marine fish
- Mexican duck
- Migratory birds
- Mink
- Minnows
- Morays
- Mottled ducks
- Mulletts
- Muskkrals
- Mule swan
- Newts
- Non-game birds
- Non-migratory birds
- Nuisance birds
- Oidsquaw duck
- Otters
- Pan fish
- Peccary
- Perches
- Pikes
- Pile perch
- Pink salmon
- Pintail ducks
- Poultry
- Prey fish
- Puddleducks
- Rainbow trout
- Redhead duck
- Reptiles
- Ring-necked duck
- Roanoke bass
- Rock bass
- Rough fish
- Ruddy duck
- Salamanders
- Saline water fish
- Salmon
- Salmon ds
- Sauger
- Sculpins
- Sea basses
- Sharks
- Shiners
- Shore birds
- Shoveler duck
- Silversides
- Small game
- Smelts
- Snail
- Snakes
- Snow goose
- Sockeye salmon
- Song birds
- Sport fish
- Stellers elder duck
- Sticklebacks
- Striped bass
- Suckers
- Sunfishes
- Swans
- Tilapia
- Toads
- Trout
- Trumpeter swan
- Turtles
- Wading birds
- Walleye
- Water birds
- Waterfowl
- Whistling swan
- White bass
- White-fronted goose
- White perch
- White seaperch
- White-winged scoter
- Wood duck
- Yellow bass
- Yellow perch
- RT Animals groupings
- Animal wastes (wildlife)
- Balance of nature
- Biology
- Birds

THESAURUS OF WATER RESOURCES TERMS

THESAURUS OF TERMS

WIRE

Wildlife (Con.)

Browse utilization
-Census
-Damages
-Ecology
Food chains
-Furbearers
Habitat improvement
Highway effects
Hunting
Land resources
Mammal groupings
-Mammals
-Natural resources
Preservation
-Rodents
-Small animals (mammals)
Vegetation effects
-Wildlife conservation
Wildlife habitats
-Wildlife management

Wildlife conservation 0603.2

BT -Conservation
-Resource conservation
NT Fish conservation
RT -Animal control
Balance of nature
Drainage programs
Fish and wildlife
Fishkill
Forest management
Habitat improvement
-Habitats
Irrigation programs
Non-consumptive use
Preservation
Reasonable use
-Reservoirs
-Riparian rights
Shelterbelts
Water allocation (policy)
Water conservation
-Wetlands
-Wildlife
-Wildlife management

Wildlife habitats 0606

BT -Environments
-Habitats
RT -Aquatic habitats
Habitat improvement
Terrestrial habitats
-Wildlife

Wildlife management 0603.2

UF Game management
BT -Management
NT Habitat improvement
RT Carrying capacity
Drainage effects
Fish and wildlife
Fish management
-Flooding
Food and cover crops
Marsh management
-Post-impoundment
Pre-impoundment
-Reservoir operation
Riparian plants
Sagebrush
Sage pondweed
Shelterbelts
-Shrubs
Soil conservation
Stream improvement
Vegetation regrowth
Watershed management
-Wildlife
-Wildlife conservation
Windbreaks

Wild rice 0603.1

UF Zizania aquatica
BT -Aquatic life
-Aquatic plants
-Grasses
-Monocots
-Plants (botany)
-Rooted aquatic plants
RT -Cereal crops
Food and cover crops

Wild rivers 0808

BT -Bodies of water
-Land forms
-Rivers
-Running waters
-Streams
-Surface waters

-Waterways
RT -Recreation
Scenery
-Water policy

Willow trees 0603.1

UF Salix species
BT -Crops
-Deciduous trees
-Dicots
-Horticultural crops
-Plants (botany)
-Trees
RT Riparian plants

Willing 0616

RT -Drying
Heat resistance (biological)
Moisture availability
-Moisture content
Osmotic pressure
-Plants (botany)
Transpiration
-Water loss
Willing point

Willing coefficient

USE Willing point

Willing point 0616

UF Permanent willing
Willing coefficient
RT Capillary conductivity
-Moisture content
Moisture deficit
Retention
Root zone
-Soil moisture
Willing

Wilts 0613

BT -Diseases
-Plant diseases
RT Epiphytology

Wind (meteorology) 0402

NT Chinook
Gust
Jet streams (meteorology)
Lake breezes
Land breezes
Monsoons
Sea breezes
Squalls
RT Advection
-Aeolian soils
Aeolian vibration
Air circulation
Air currents
Air environment
-Air masses
-Anemometers
Atmospheric motion
Blizzards
-Climatology
Cloud physics
Coriolis force
Cyclones
Fetch
Gallop conductors
Hurricanes
-Hydrometeorological station
-Meteorology
Microenvironment
Ripple marks
Roof failures
Sea spray
Seiches
Snowstorms
-Storms
-Surges
Thunderstorms
-Tides
Tornadoes
-Tropical cyclone
Turbulence
Typhoons
Wave generation
Weather
Wind bracing
Windbreaks
Wind direction
Wind erosion
Wind pressure
Wind speed
Wind tides
Wind velocity

Wind bracing 1313.5

BT -Bracing
RT Bents (structural)
-Bridges (structures)
-Buildings
Dynamic loads
Gusts
Horizontal loads
-Live loads
-Loads (forces)
-Structural design
-Towers
-Trestles
-Trusses
-Wind (meteorology)
Wind pressure
Wind speed
Wind velocity

Windbreaks 0206

RT -Brush
-Erosion control
Gusts
Shelterbelts
-Trees
-Wildlife management
-Wind (meteorology)
Wind erosion
Wind velocity

Wind direction 0402

RT -Wind (meteorology)
Wind profiles
Wind velocity

Wind erosion 0203

BT -Erosion
RT -Aeolian soils
Blowouts
-Drift
Dunes
Dune sands
Dust storms
Eluvium
-Erosion control
-Geologic deposits
Gusts
Loess
Sheet erosion
Shelterbelts
Soil conservation
Soil erosion
Strip cropping
Tornadoes
Vegetation effects
Weathering
-Wind (meteorology)
Windbreaks
Wind speed
Wind velocity

Winding (mechanical) 1308

RT -Reinforcement
Springs (mechanical)

Windings (electrical) 0903

RT Coils
-Electrical equipment
-Electric generators
-Electric motors
Electric wire
-Power transformers

Wind loads

USE Wind pressure

Wind pressure 0402

UF Wind loads
BT -Pressure
RT Building codes
-Buildings
Horizontal loads
-Lateral forces
-Live loads
Load factors
-Loads (forces)
Residences
Roof failures
Transmission towers
-Wind (meteorology)
Wind bracing
Wind velocity

Wind profiles 0402

BT -Profiles
RT Distance
Height
Wind direction
Wind speed

Wind velocity

Wind setup

USE Wind tides

Wind speed 0402

RT Air currents
Air environment
Air pollution effects
-Anemometers
Gusts
Hot film anemometers
Hot wire anemometers
Meteorological data
Pan evaporation
Potential evaporation
-Wind (meteorology)
Wind bracing
Wind erosion
Wind profiles
Wind velocity

Wind tides 0803

UF Wind setup
BT -Tides
RT -Mechanical waves
Seiches
-Surges
-Waves
-Wind (meteorology)
Wind velocity

Wind tunnels 1402

UF Hypersonic wind tunnels
Subsonic wind tunnels
Supersonic wind tunnels
BT -Equipment
-Facilities
-Test equipment
-Test facilities
RT Aerodynamics
Blowers
Design criteria
-Fluid dynamics
Laboratory equipment
-Models
Model tests
-Similitude
Supersonic flow
-Tests

Wind velocity 0402

BT -Velocity
RT Air currents
-Anemometers
Gusts
Hot film anemometers
Hot wire anemometers
Hurricanes
-Meteorology
-Wind (meteorology)
Wind bracing
Windbreaks
Wind direction
Wind erosion
Wind pressure
Wind profiles
Wind speed
Wind tides

Wind clipping

USE Marking techniques

Winter 0402

BT -Seasons
RT Seasonal

Winterkilling 0606

BT -Environmental effects
RT Catch crops
Cold resistance
-Freezing
Frost protection
-Ice
Longevity
Snow cover

Winter sports 0511

BT -Recreation
NT Ice fishing
Ice skating
Skiing

Wire 1106

NT Electric wire
RT -Bars
-Cables
-Electric cables
-Fasteners

WIRE ROPE

Wire (Con.)

Filaments
Guyed towers
-Mechanical fasteners
-Prestressed concrete
-Prestressing
-Reinforcement
-Reinforcing materials
-Rods
Slay lines
Stressing cables
Wire rope

Wire rope 1106

RT -Cables
-Fasteners
-Mechanical fasteners
Stressing cables
Towing
-Wire

Wisconsin 0806

BT -Corn belt
-Geographical regions
-States (geographical)

Withdrawal 1407

UF Draft
RT -Depletion
-Discharge (water)
Diversions
-Drawdown
Exploitation
Groundwater mining
Multilevel outlets
Overdraft
Recession curves
Reservoir capacity
-Reservoirs
Reservoir storage
Sale yield
Shallow subsidence
-Subsidence
-Water utilization

Withdrawn lands 0501

BT -Federal reservations
-Land
-Public land
RT -Water rights

Withstand level (electric) 0901

0903
RT Electrical insulation
Electrical insulation tests
-Electrical insulators
Flashover
Impulse tests (electrical)

Wood 1112

BT -Building materials
-Construction materials
-Materials
NT Hardwood
-Laminated wood
Plywoods
Softwood
RT Cellulose
Composite beams
Composite structures
Cork
Creosote
Fiberboards
Fibers (plant)
-Lignins
Lumber
-Plant tissues
Pulp and paper industry
Saw mills
Timbers
-Trees
Wooden bridges
Wooden piles
-Wooden structures
Wooden trestles
Wood preservatives
Wood wastes

Wood duck 0603.2

UF Aix sponsa
BT -Animals
-Aquatic life
-Birds
-Ducks (wild)
-Migratory birds
-Waterfowl
-Wildlife

Wooden bridges 1313.5

BT -Bridges (structures)

-Engineering structures
-Wooden structures
RT -Bridge decks
Bridge design
Highway bridges
Lumber
Railroad bridges
Timbers
Truss bridges
-Wood
Wooden trestles

Wooden piles 1313.6

UF Timber piles
BT -Piles (foundations)
RT -Batter piles
Bearing piles
-Concrete piles
-Foundations
Friction piles
-Marine borers
Pile caps
-Pile driving
Pile foundations
Pile friction
Sheet piling
Steel piles
Timbers
-Wood

Wooden structures 1313.5

BT -Structures
NT Wooden bridges
Wooden trestles
RT Building codes
Composite structures
Continuous frames
-Continuous structures
Continuous trusses
-Laminated wood
Lumber
Sheathing
-Structural design
Timbers
-Wood
Wood preservatives

Wooden trestles 1313.5

BT -Engineering structures
-Trestles
-Wooden structures
RT Bents (structural)
-Bracing
Timbers
-Wood
Wooden bridges
Wood preservatives

Wood-pole transmission lines

0901.1
BT -Transmission lines
RT -Circuits
-Electric cables
-Electric conductors
-Electric current
Electric wire
-Transmission (electrical)
Transmission loss
Transmission towers

Wood preservatives 1107

RT -Building materials
-Coatings
-Construction materials
Creosote
-Durability
Impregnation
Lumber
-Paints
-Protective coatings
Timbers
Varnishes
-Wood
-Wooden structures
Wooden trestles
Wood preservatives (pesticides)

Wood preservatives (pesticides)

0606 1107
BT -Chemicals
-Pesticides
-Poisons
RT Bactericides
Deterioration
Fungicides
Impregnation
-Insecticides
Lumber
Preservation

Wood preservatives

Wood wastes 1112

BT -Organic wastes
-Solid wastes
-Wastes
RT Bark
Cellulose
Humus
-Industrial wastes
-Lignins
Lumbering
Pulp and paper industry
Pulp wastes
Sawdust
Saw mills
Timbers
-Wood

Woody plant control

USE Brush control

Woody tissues

USE Vascular tissues

Work 2011

Use of a more specific term is recommended

RT -Construction
-Design
-Energy
-Engineering
Labor
Manuals
-Measurement
-Measuring instruments
-Movement
Occupations
Potential energy
-Sociology
Time and motion studies

Workability 1407

BT -Mechanical properties
RT Brilliance
Concrete mixes
-Concrete placing
Concrete properties
-Deformation
Ductility
Flexibility
Hardness
-Plasticity
Pudding
Slump
-Soil moisture
-Soil properties
Water-cement ratio

Working conditions 0505

RT Compensation
-Contracts
-Employment
Human engineering
Labor mobility
Labor unions
Morale
Occupations
-Personnel
Personnel management
Wages

Worldwide 1407

RT Foreign countries
-Industries

Worms 0603.2

BT -Animals
-Invertebrates
NT -Annelids
-Oligochaetes
Sludge worms
Trematodes
Tubificids
RT -Animal parasites
-Aquatic animals
Bloodworms
-Larvae
-Parasites

Worth

USE Value

Wrecks 1312

RT -Accidents
Automobiles
-Safety
Vehicles

THESAURUS OF WATER RESOURCES TERMS

Wrenches 1309

RT -Bolts
-Fasteners
Hand tools

Wrought iron 1106

BT -Iron
-Metals
RT -Iron alloys

Wye branches 1313.3

RT Bifurcations
-Canals
Head losses
-Hydraulic structures
-Pipelines
Trifurcations

Wyoming 0806

BT -Geographical regions
-States (geographical)
RT Reclamation states

X

Xerophilic animals 0603.2

UF Desert animals
BT -Animals
RT Animal groupings
Arid lands

Xerophilic plants

USE Xerophytes

Xerophytes 0603.1

UF Xerophilic plants
GT -Plants (botany)
NT Cacti
RT Arid lands
-Desert plants
Halophytes
Plant groupings
-Water storage

X-ray analysis 1402

BT -Analysis
-Analytical techniques
NT X-ray diffraction
X-ray fluorescence
X-ray spectroscopy
RT -Nondestructive tests
Qualitative analysis
-Quantitative analysis
-Radiographic inspection
-Radiography
Remote sensing
Stress analysis
X-rays

X-ray diffraction 1402 2006

BT -Analytical techniques
-Diffraction
-X-ray analysis
RT -Chemical analysis
Crystallography
-Crystals
Mineral analysis
Molecular structure
X-rays

X-ray fluorescence 2006

BT -Analytical techniques
-Fluorescence
-Luminescence
-X-ray analysis
RT -Chemical analysis
Mineral analysis
-Radiography
X-rays

X-ray inspection 1402

BT -Inspection
-Materials tests
-Nondestructive tests
-Radiographic inspection
-Radiography
RT -Quality control
X-rays

X-rays 2006

BT -Electromagnetic waves

THESAURUS OF TERMS

ZOOPLANKTON

X-rays (Con.)

- Radiation
- Transport phenomena
- Waves
- RT Cosmic rays
- Gamma rays
- Irradiation
- Neutrons
- Radiation effects
- Radiographic inspection
- Radiography
- X-ray analysis
- X-ray diffraction
- X-ray fluorescence
- X-ray inspection
- X-ray spectroscopy

X-ray spectroscopy 1402

- BT -Analytical techniques
- Spectroscopy
- X-ray analysis
- RT -Chemical analysis
- Qualitative analysis
- Quantitative analysis
- Spectrometry
- Spectrum analysis
- X-rays

Xylem 0603.1

- BT -Plant tissues
- Vascular tissues
- NT Tracheids
- RT Dendrochronology
- Fibers (plant)
- Phloem
- Root system
- Translocation
- Water storage

Y

Yeasts 0603.1

- BT -Fungi
- Microorganisms
- Plants (botany)
- RT -Aquatic microorganisms
- Fermentation
- Soil microorganisms

Yellow bass 0603.2

- UF *Roccus mississippiensis*
- BT -Animals
- Aquatic animals
- Aquatic life
- Fish
- Freshwater fish
- Marine animals
- Marine fish
- Saline water fish
- Sea basses
- Wildlife
- RT Bass

Yellow perch 0603.2

- UF *Perca flavescens*
- BT -Animals
- Aquatic animals
- Aquatic life
- Fish
- Freshwater fish
- Perches
- Wildlife

Yellow pine trees 0206 0603.1

- BT -Coniferous trees
- Conifers
- Gymnosperms
- Pine trees
- Plants (botany)
- Trees
- RT Coniferous forests

Yellow podzolic soils 0807

- BT -Acidic soils
- Pedallers
- Podzols
- Soil groups
- Soils
- Soil types
- RT Coniferous forests
- Humid climates
- Rain forests
- Red podzolic soils
- Subtropic
- Wet climates

Yield (safe)

- USE Safe yield

Yield (sediment)

- USE Sediment yield

Yield (specific)

- USE Specific yield

Yield (water)

- USE Water yield

Yield equations 0204

- BT -Equations
- RT Crop production
- Fish populations
- Productivity

Yield line method 1313.5

- RT Equilibrium
- Plastic theory
- Structural analysis
- Structural behavior
- Structural design

Yield on investment

- USE Return (monetary)

Yield point 2012

- RT Compressive strength
- Deformation
- High strength steels
- Inelastic action
- Materials tests
- Strain
- Strength of materials
- Stress
- Stress-strain curves
- Tensile properties
- Tensile strength
- Yield strength

Yield strength 2012

- BT -Mechanical properties
- Strength
- RT Compressive strength
- Deformation
- High strength steels
- Materials tests
- Physical properties
- Shear strength
- Strain
- Strength of materials
- Stress
- Stress-strain curves
- Tensile properties
- Tensile strength
- Yield point

Youngs modulus

- USE Modulus of elasticity

Z

Zea mays

- USE Corn (field)

Zeolites 0704 0807

- BT -Minerals
- RT Cation exchange
- Ion exchange
- Water treatment
- Water treatment plants

Zeta potential

- USE Electrokinetic potential

Zinc 0702

- BT -Chemical elements
- Materials
- Metals
- RT Brass
- Zinc alloys
- Zinc compounds
- Zinc radioisotopes

Zinc alloys 1106

- BT -Alloys
- Metals
- NT Brass
- RT -Bearings
- Galvanizing
- Soldering
- Zinc

Zinc compounds 0702 0703

- BT -Chemical compounds
- RT Zinc

Zinc radioisotopes 1802

- BT -Isotopes
- Radioisotopes
- RT Zinc

Zizania aquatica

- USE Wild rice

Zoned embankments 1313.1

- BT -Earthworks
- Embankments
- RT Dam design
- Dikes
- Earth dams
- Earth materials
- Fills
- Filters
- Hydraulic fill dams
- Hydraulic fills
- Impervious membranes
- Levees
- Pervious membranes
- Rockfill dams
- Seepage control
- Slope protection
- Slope stability
- Transition zones

Zone of aeration 0808.1

- NT Capillary fringe
- RT Aeration
- Fringe water
- Soil moisture
- Soil water
- Soil water movement
- Subsurface drainage
- Subsurface flow
- Subsurface waters
- Unsaturated flow
- Vadose water
- Water table
- Zone of saturation

Zone of saturation 0808.1

- RT -Groundwater
- Groundwater movement
- Groundwater sources
- Influent streams
- Natural recharge
- Phreatophytes
- Recharge
- Saturated flow
- Saturated soils
- Saturation
- Subsurface waters
- Water table

-Zone of aeration

Zoning 1407

- BT -Regulations
- NT Flood plain zoning
- Water zoning
- RT Areal
- Cadastral surveys
- Cities
- Flood plains
- Industries
- Land use
- Local governments
- Locations
- Municipalities
- Non-structural alternatives
- Planning
- Project planning
- Project purposes
- Regions
- Scenic easements
- Sites
- Surveys
- Urbanization
- Water utilization

Zoology 0603.2

- BT -Biology
- Sciences
- RT Animal groupings
- Animal physiology
- Animal populations
- Animals
- Biological communities
- Biomes
- Ecology
- Paleontology
- Zooplankton

Zoonoses 0605

- BT -Diseases
- RT -Animal diseases
- Animal parasites
- Animal pathology
- Animal wastes (wildlife)
- Environmental engineering
- Environmental sanitation
- Epidemiology
- Fish diseases
- Human diseases
- Human pathology
- Infection
- Parasites
- Public health

Zooplankton 0603.2

- BT -Animals
- Aquatic animals
- Aquatic life
- Plankton
- NT Daphnia
- Rotifers
- Sea nettles
- Waterfleas
- RT Animal groupings
- Aquatic microorganisms
- Fish food organisms
- Marine animals
- Nannoplankton
- Nekton
- Sexton
- Zoology

Subject Category Index

Subject Category Index

The *Subject Category Index* displays the descriptors grouped by subject areas. The index is a two- or three-level arrangement consisting of 22 major subject fields, each of which is subdivided into groups, and in some cases, subgroups. The subject category numbers for each descriptor correspond to designations in the *Thesaurus of Terms*. The first two digits refer to a field; the second two, to a group within that field; and the decimal digit, where used, to a subgroup of that group. The categorizations are intended to bring together under one heading, descriptors available in various subject areas, and do not represent a strict classification of terms.

The subject category fields and groups are based on those used in the Engineers Joint Council *Thesaurus of Engineering and Scientific Terms*. Subgroups and some additional groups have been added to adapt to the specific subject areas of this Thesaurus.

Subject Category Fields and Groups

01 00 Aeronautics

- *01 01 Aerodynamics
- 01 02 Aeronautics
- 01 03 Aircraft
- 01 04 Aircraft flight instrumentation
- 01 05 Air facilities

02 00 Agriculture

- 02 01 Agricultural chemistry
- 02 02 Agricultural economics
- 02 03 Agricultural engineering
 - 02 03.1 Irrigation
- 02 04 Agronomy and horticulture
- 02 05 Animal husbandry
- 02 06 Forestry

03 00 Astronomy and Astrophysics

- 03 01 Astronomy
- 03 02 Astrophysics
- *03 03 Celestial mechanics

04 00 Atmospheric Sciences

- 04 01 Atmospheric physics
- 04 02 Meteorology
 - 04 02.1 Weather modification

05 00 Behavioral and Social Sciences

- 05 01 Administration and management
- 05 02 Information sciences
- 05 03 Economics
- 05 04 History, law, and political science
 - 05 04.1 Legal aspects
- 05 05 Human factors engineering
- 05 06 Humanities
- 05 07 Linguistics
- *05 08 Man-machine relations
- 05 09 Personnel selection, training, and evaluation
- 05 10 Psychology
- 05 11 Sociology

06 00 Biological and Medical Sciences

- 06 01 Biochemistry
- 06 02 Bioengineering
- 06 03 Biology
 - 06 03.1 Plants
 - 06 03.2 Animals
- *06 04 Bionics
- 06 05 Clinical medicine
- 06 06 Environmental biology
- *06 07 Escape, rescue, and survival
- 06 08 Food
- 06 09 Hygiene and sanitation
- *06 10 Industrial (occupational) medicine
- *06 11 Life support
- 06 12 Medical equipment and supplies
- 06 13 Microbiology
- *06 14 Personnel selection and maintenance (medical)
- 06 15 Pharmacology
- 06 16 Physiology
- *06 17 Protective equipment
- 06 18 Radiobiology
- 06 19 Stress physiology

06 20 Toxicology

*06 21 Weapon effects

07 00 Chemistry

- 07 01 Chemical engineering
- 07 02 Inorganic chemistry
- 07 03 Organic chemistry
- 07 04 Physical and general chemistry
- 07 05 Radio and radiation chemistry

08 00 Earth Sciences and Oceanography

- 08 01 Biological oceanography
- 08 02 Cartography
- 08 03 Dynamic oceanography
- 08 04 Geochemistry
- 08 05 Geodesy
- 08 06 Geography
- 08 07 Geology and mineralogy
 - 08 07.1 Rock mechanics
- 08 08 Hydrology and limnology
 - 08 08.1 Drainage and groundwater
 - 08 08.2 Water resources
- 08 09 Mining engineering
- 08 10 Physical oceanography
- 08 11 Seismology
- 08 12 Snow, ice, and permafrost
- 08 13 Soil mechanics
- 08 14 Geomagnetism

09 00 Electronics and Electrical Engineering

- 09 01 Components
 - 09 01.1 Electric power transmission
- 09 02 Computers
- 09 03 Electronic and electrical engineering
- 09 04 Information theory
- 09 05 Subsystems
- 09 06 Telemetry

10 00 Nonpropulsive Energy Conversion

- 10 01 Conversion techniques
- 10 02 Power sources
 - 10 02.1 Electric powerplants
- 10 03 Energy storage

11 00 Materials

- 11 01 Adhesives and seals
- 11 02 Ceramics, refractories, and glasses
- 11 03 Coatings, colorants, and finishes
- 11 04 Composite materials
- 11 05 Fibers and textiles
- 11 06 Metals
- 11 07 Miscellaneous materials
- 11 08 Oils, lubricants, and hydraulic fluids
- 11 09 Plastics
- 11 10 Rubbers
- 11 11 Solvents, cleaners, and abrasives
- 11 12 Wood and paper products
- 11 13 Corrosion and degradation

12 00 Mathematical Sciences

- 12 01 Mathematics and statistics
- 12 02 Operations research

13 00

- 13 00 Mechanical, Industrial, Civil, and Marine Engineering
 - 13 01 Air conditioning, heating, lighting, and vent.lating
 - 13 02 Civil engineering
 - 13 02.1 Sanitary engineering
 - 13 02.2 Water pollution
 - 13 02.3 Flood control
 - 13 02.4 Highway engineering
 - 13 02.5 Demineralization
 - 13 02.6 Reservoirs
 - 13 03 Construction equipment, materials, and supplies
 - 13 03.1 Concrete technology
 - 13 04 Containers and packaging
 - 13 05 Couplings, fasteners, and joints
 - 13 06 Ground transportation equipment
 - 13 07 Hydraulic and pneumatic equipment
 - 13 07.1 Hydraulic machinery
 - 13 08 Industrial processes
 - 13 09 Machinery, tools, and industrial equipment
 - 13 09.1 Mechanical engineering
 - 13 10 Marine engineering
 - 13 11 Pumps, filters, pipes, tubing, and valves
 - 13 11.1 Penstocks
 - 13 12 Safety engineering
 - 13 13 Structural engineering
 - 13 13.1 Dams and hydraulic structures
 - 13 13.2 Tunnels
 - 13 13.3 Pipelines
 - 13 13.4 Buildings
 - 13 13.5 Structures
 - 13 13.6 Foundations
 - 13 13.7 Hydraulic gates
 - 13 14 Project planning
 - 13 15 Construction

14 00 Methods and Equipment

- 14 01 Cost effectiveness
- 14 02 Laboratories, test facilities, and test equipment
- 14 03 Recording devices
- 14 04 Reliability
- 14 05 Reprography
- 14 06 Research
- 14 07 General concepts
- *14 08
- 14 09 Geometric forms

15 00 Military Sciences

- *15 01 Antisubmarine warfare
- 15 02 Chemical, biological, and radiological operations
- 15 03 Defense
- *15 04 Intelligence
- 15 05 Logistics
- *15 06 Nuclear warfare
- *15 07 Operations, strategy, and tactics

* 16 00 Missile Technology

- *16 01 Missile launching and ground support
- *16 02 Missile trajectories
- *16 03 Missile warheads and fuses
- *16 04 Missiles

THESAURUS OF WATER RESOURCES TERMS

- 17 00 Navigation, Communications, Detection, and Countermeasures
 - 17 01 Acoustic detection
 - 17 02 Communications
 - 17 03 Direction finding
 - *17 04 Electromagnetic and acoustic countermeasures
 - *17 05 Infrared and ultraviolet detection
 - *17 06 Magnetic detection
 - 17 07 Navigation and guidance
 - *17 08 Optical detection
 - 17 09 Radar detection
 - *17 10 Seismic detection
 - 17 11 Miscellaneous detection

18 00 Nuclear Science and Technology

- *18 01 Fusion devices (thermonuclear)
- 18 02 Isotopes
- 18 03 Nuclear explosions
- 18 04 Nuclear instrumentation
- 18 05 Nuclear powerplants
- 18 06 Radiation shielding and protection
- 18 07 Radioactive wastes and fission products
- 18 08 Radioactivity
- 18 09 Reactor technology
- *18 10 Reactor materials
- *18 11 Reactor physics
- *18 12 Reactors (power)
- *18 13 Reactors (non-power)
- *18 14 Snap technology

19 00 Ordnance

- 19 01 Ammunition, explosives, and pyrotechnics
- *19 02 Bombs
- *19 03 Combat vehicles
- 19 04 Explosions, ballistics, and armor
- *19 05 Fire control and bombing systems
- *19 06 Guns
- 19 07 Rockets
- *19 08 Underwater ordnance

20 00 Physics

- 20 01 Acoustics
- 20 02 Crystallography
- 20 03 Electricity and magnetism
- 20 04 Fluid mechanics
- 20 05 Masers and lasers
- 20 06 Optics
- *20 07 Particle accelerators
- 20 08 Particle physics and nuclear reactions
- 20 09 Plasma physics
- 20 10 Quantum theory and relativity
- 20 11 Mechanics
- 20 12 Solid state physics
- 20 13 Thermodynamics
- 20 14 Wave propagation

21 00 Propulsion, Engines, and Fuels

- *21 01 Air-breathing engines
- 21 02 Combustion and ignition
- *21 03 Electric propulsion
- 21 04 Fuels
- *21 05 Jet and gas turbine engines
- *21 06 Nuclear propulsion
- 21 07 Reciprocating engines
- *21 08 Rocket engines

SUBJECT CATEGORY INDEX

22.00

- *21 09 Rocket propellants
- 21 10 Engine components
- 21 11 General engine concepts
- 21 12 General propulsion concepts

22 00 Space Technology

- *22 01 Astronautics

22 02 Spacecraft

22 03 Spacecraft trajectories and control

*22 04 Spacecraft launch vehicles
and ground support

*Indicates fields and groups which do not have any
descriptors in this thesaurus.

0100 Aeronautics

0102 Aeronautics Aeronautics

0103 Aircraft Aircraft Balloons Helicopters

0104 Aircraft Flight Instrumentation Altimeters

0105 Air Facilities Airports Runways

0200 Agriculture

0201 Agricultural Chemistry

Acidic soils
Agricultural chemicals
Alkaline soils
Alkali soils
Farm wastes
Fertility
Fertilization
Fertilizers
Mulching
Soil amendments
Soil contamination
Soil contamination effects

0202 Agricultural Economics

Acresage
Agricultural economics
Carrying capacity
Development farms
Experimental farms
Farm management
Farm prices
Farms
Farm units
Optimum crop yield
Parity prices
Parity ratios

0203 Agricultural Engineering

Agricultural engineering
Contour farming
Contour furrows
Dairy industry
Deep tillage
Erosion control
Fallowing
Farm equipment
Furrows
Furrow systems
Greenhouses
Growth chambers
Land clearing
Land farming
Land management

Land preparation
Soil conservation
Soil management
Soil reclamation
Terraces
Terracing
Wind erosion

0203.1 Irrigation

Acequias
Bench leveling
Border irrigation
Buried irrigation systems
Demand (irrigation systems)
Distribution systems
Diversion losses
Diversion loss returns
Duty of water
Flood irrigation
Furrow irrigation
Gravity irrigation
Irrigable land
Irrigated land
Irrigation
Irrigation design
Irrigation ditches
Irrigation effects
Irrigation efficiency
Irrigation engineering
Irrigation operation & maintenance
Irrigation practices
Irrigation programs
Irrigation systems
Irrigation water
Irrigation wells
Laterals
Mist irrigation
Mole irrigation
Non-consumptive use
Public acequias
Recirculating irrigation system
Sprinkler irrigation
Sublaterals
Subsurface irrigation
Supplemental irrigation
Supplemental water
Surface irrigation
Trickle irrigation
Water application rate
Water delivery
Water demand
Water requirements
Water spreading
Wetting front

0204 Agronomy and Horticulture

Agronomic crops
Agronomy
Alfalfa
Alaska clover
Apples
Arable land
Asparagus
Barley
Beans
Blueberries
Carrots
Catch crops
Cereal crops
Chisel plow
Citrus fruits
Clovers
Corn (field)
Cotton
Cover crops
Cranberries
Crimson clover
Cropping patterns
Crop production
Crop response

Crops
Crop yield
Cultivated lands
Cultivation
Dates
Demonstration farms
Dry land farming
Fescues
Fiber crops
Field crops
Food and cover crops
Forage grasses
Forage legumes
Forage mixtures
Forages
Fruit crops
Grains (crops)
Grapefruit
Growing period
Halopeton
Harvesting
Hay
Horticultural crops
Horticulture
Industrial crops
Ladino clover
Land classification
Lawns
Legumes
Lemons
Lespedeza
Lettuce
Limes
Macadamia
Melons
Nuts
Oats
Oilseed crops
Onions
Oranges
Orchards
Peaches
Peanuts
Pecans
Planting management
Plowing
Pome fruits
Popcorn
Potatoes
Red clover
Rice
Seeding
Seed treatment
Silage
Soil-water-plant relationships
Sorghum
Soybeans
Specialty crops
Standing crop
Stone fruits
Strawberries
Strip cropping
Stubble mulching
Sugar beets
Sugarcane
Sugar crops
Sweet corn
Sweet potatoes
Tobacco
Tomatoes
Transpiration control
Tropical fruits
Turf
Vegetable crops
Vegetation establishment
Vegetation regrowth
Vertical mulching
Vetch
Vine crops
Weed control
Wheat
Wheatgrasses
White clover
Yield equations

0205 Animal Husbandry

Browse utilization
Cattle
Confinement pens
Domestic animals
Feeding rates
Feeds
Forage palatability
Grazing
Grazing land
Livestock
Pasture
Pasture management
Poultry
Range management
Revegetation
Sheep
Stock water

0206 Forestry

Ash trees
Balsam fir trees
Clear-cutting
Coniferous forests
Cutting management
Deciduous forests
Douglas fir trees
Fir trees
Forest fires
Forest management
Forestry
Forests
Hardwood
Jack pine trees
Loblolly pine trees
Lodgepole pine trees
Lumbering
Mixed forests
Mountain forests
National forests
Oak trees
Pine trees
Ponderosa pine trees
Rain forests
Red fir trees
Red pine trees
Reforestation
Scotch pine trees
Shelterbelts
Softwood
Trees
White fir trees
White pine trees
Windbreaks
Yellow pine trees

0300 Astronomy and Astrophysics

0301 Astronomy

Astronomical bodies
Astronomy
Earth (planet)
Mars (planet)
Meteorites
Moon
Planets
Solar systems
Stars
Sun

0302

Astrophysics

Cosmic rays
Extraterrestrial hydrology
Solar disturbances
Solar radiation

0400

Atmospheric Sciences

0401

Atmospheric Physics

Air
Air circulation
Albedo
Atmospheric physics
Atmospheric research
Auroras
Cloud physics
Hygrometry
Lightning
Meteors
Nuclei
Radiosondes
Troposphere
Upper atmosphere

0402

Meteorology

Air currents
Air masses
Air temperature
Antecedent precipitation
Anticyclones
Arid climates
Atmospheric motion
Atmospheric pressure
Autumn
Blizzards
Cap clouds
Cirings (meteorology)
Chemistry of precipitation
Chinook
Cirrus clouds
Climate
Climatic changes
Climatic data
Climatic zones
Climatology
Cloudbursts
Cloud cover
Cloud models
Cloud modification
Clouds
Cold climates
Convection clouds
Cumulonimbus clouds
Cumulus clouds
Cyclones
Degree days
Dew
Dew point
Drizzle
Droughts
Dry seasons
Dust storms
Effective precipitation
Excessive precipitation
Extratropical cyclones
Fim
Fog
Fronts (atmospheric)
Frost
Graupel
Gusts
Hail
Haze
Hot winds
Humid climates
Hurricanes

Hydrometeorological station
Hydrometeorology
Hyelographs
Ice nuclei
Impact (rainfall)
Isobars
Isohyets
Jet streams (meteorology)
Lake breezes
Land breezes
Marine air masses
Meteorological data
Meteorological instruments
Meteorological radar
Meteorological satellites
Meteorology
Microclimatology
Micrometeorology
Mist
Monsoons
Orographic clouds
Orographic precipitation
Potential evaporation
Precipitable water
Precipitation (etmospheric)
Precipitation excess
Precipitation intensity
Precipitation rate
Probable maximum precipitation
Rain
Raindrops
Rainfall
Rainfall disposition
Rainfall intensity
Rain forests
Rime
Sea breezes
Seasonal
Seasonal variations
Seasons
Semiarid climates
Simulated rainfall
Sleet
Smog
Snow
Snowfall
Snow gages
Snow mechanics
Snow samplers
Snowstorms
Spring
Squalls
Storms
Storm structure
Stratus clouds
Subarctic
Subhumid climates
Subtropic
Summer
Supercooled fog
Synoptic analysis
Temperature inversions
Thunderstorms
Tornadoes
Tropic
Tropical cyclones
Typhoons
Weather
Weather communications
Weather data
Weather forecasting
Weather maps
Weather patterns
Weather stations
Wet climates
Wet seasons
Wind (meteorology)
Wind direction
Wind pressure
Wind profiles
Wind speed
Wind velocity
Winter

0402.1

Weather Modification

Artificial storms
Cloud seeding
Fog dispersion
Induced precipitation
Nuclei generators
Silver iodide generators
Weather modification

0500

Behavioral and Social Sciences

0501

Administration and Management

Accounting
Administration
Administrative agencies
Administrative decisions
Adoption of practices
Allotments
Annual benefits
Annual equivalent benefits
Appropriations (fiscal)
Arrow diagrams
Auditing
Bar graphs
Benefits
Benefit sharing
Bids
Budgeting
Budgets
Change orders
Claims (contracts)
Compensation
Competitive bidding
Construction management
Contract administration
Contracting
Contracting officers
Contracts
Coordination
Critical path method
Decision making
Direct benefits
Earnings
Employee relations
Executives
Federal budgets
Flow charts
Implied benefits
Indirect benefits
Industrial relations
Intangible benefits
Lagged benefits
Land acquisition
Land management
Leadership
Management
Management analysis
Management engineering
Management planning
Manual benefits
Marginal benefits
Negotiations
Optimum development plans
Organization charts
Organizations
Organizing
Payment
Personnel management
PERT
Planning
Policies
Procurement
Production planning
Professional societies

Project benefits
Projects
Public benefits
Public relations
Purchasing
Recommendations
Renting
Repayment contracts
Scheduling
Scientific societies
Short-term planning
Supervision
Systems analysis
Systems engineering
Tangible benefits
Technical societies
Trade associations
Water districts
Water permits
Water policy
Watershed management
Water users
Withdrawn lands

0502

Information Sciences

Abstracts
Acronyms
Annotations
Bibliographies
Biographies
Catalogs
Conferences
Coordinate indexing
Current awareness
Data collections
Data collection systems
Data retrieval
Data storage
Descriptors
Diagrams
Dictionaries
Directories
Dissemination (information)
Documentation
Editing
Indexes (documentation)
Indexing
Information centers
Information retrieval
Information science
Information systems
Interest profiles
Keywords
Libraries
Manuals
Nomenclatures
Patents
Progress reports
Project summaries
Publications
Questionnaires
Records
Reports
Report writing
Reviews
Selective dissemination
Subject indexing
Tables (data)
Technical papers
Technical writing
Thesaurus
Vocabularies

0503

Economics

Adjusted income
Adjusted prices
Allocations
Amortization
Appraisals
Appreciation
Assessments
Average income
Average prices

SUBJECT CATEGORY INDEX

0503 (Con.)

Benefit-cost analysis
Benefit-cost ratios
Benefit-cost theory
Benefits
Benefit sharing
Capital
Capital mobility
Capital supply
Commerce
Commercial fishing
Comparative benefits
Compensation
Competitive prices
Condemnation value
Consumers
Contracts
Cooperatives
Cost repayment
Credit
Debt
Deferred benefits
Demand
Depreciation
Direct benefits
Discount rate
Discriminatory pricing
Diseconomies of scale
Diversification
Earnings
Economic efficiency
Economic feasibility
Economic growth
Economic impact
Economic justification
Economic life
Economic prediction
Economic rent
Economics
Economies of scale
Elasticity of demand
Elasticity of supply
Electric power rates
Employment opportunities
Engineering economy
Equilibrium prices
Estimated benefits
Expenditures
Export
Federal budgets
Finance
Financial analysis
Financial feasibility
Financing
Fish harvest
Fishing
Fishkill
Flood plain insurance
Foreign trade
Fringe benefits
Full employment
Government finance
Government supports
Grants
Gross income
Gross national product
Gross profit
Implied benefits
Import
Income
Income analysis
Incremental income
Indirect benefits
Induced benefits
Industries
Inflation (economic)
Insurance
Intangible benefits
Interest (finance)
Interest rate
Investment
Lagged benefits
Land
Land appraisal
Land resources
Liabilities
Loans

Manual benefits
Manufacturing
Marginal benefits
Marginal costs
Marginal income
Marginal return
Marketing
Market value
Monetary benefits
Monopoly
National income
Natural resources
Net income
Net profit
Non-reimbursable benefits
Non-reimbursable costs
Participating funds
Payment
Power marketing
Prices
Pricing
Principal
Profit
Progressive taxes
Project benefits
Project feasibility
Property values
Public benefits
Purchasing
Real benefits
Real income
Reimbursable costs
Rental equipment
Repayment
Resource allocation
Resource mix
Return (monetary)
Return to scale
Revenues
Risks
Royalties
Salaries
Sales
Salvage value
Service life
Sinking fund
Supply
Tangible benefits
Tariff
Taxes
Tax rate
Third party effects
Tourism
Unemployment
Value
Wages
Water costs
Water permits
Water pricing
Water rates
Water values
Welfare (economics)

0504

History, Law, and Political Science

Boating regulations
Dating
Developing countries
Drainage districts
Federal agencies
Federal government
Federal jurisdiction
Federal project policy
Federal reservations
Federal-state cooperation
Flood plain regulation
Foreign policies
Foreign waters
Governments
History
Hydroelectric project licensing
Indian reservations
Institutional constraints
Institutions

Inter-agency cooperation
International commissions
International compacts
International geophysical year
International hydrological decade
International waters
Interstate
Interstate commissions
Irrigation districts
Licenses
Litigation
Local governments
Military reservations
Municipalities
National battlefields
National historic parks
National historic sites
National lakeshores
National memorials
National monuments
National parks
National recreation areas
National seashores
National wildlife refuges
Political aspects
Political constraints
Political science
Port authorities
Public land
Public land policy
Public services
Public utility districts
Real property
Reclamation states
Regressive taxes
Regulations
River basin commissions
Scenic easements
Seaworthiness
Severance
Sewage districts
State governments
State jurisdiction
States (geographical)
Treaties
United States government
Well regulations

0504.1

Legal Aspects

Accretion (legal aspects)
Adjudication procedure
Admiralty
Agreements
Alteration of flow
Appropriation (water rights)
Avulsion
Beneficial use
Boundaries (property)
Boundary disputes
Bulkhead line
Civil law
Claims (contracts)
Competing uses
Condemnation
Dual system
Easements
Eminent domain
Equitable apportionment
Federal-state water rights conflicts
Guarantees
High water mark
International law
Interstate compacts
Irrigation permits
Judicial decisions
Jurisdiction
Land ownership
Land tenure
Law of the sea
Laws
Leases
Legal aspects
Legislation
Low water mark

Natural flow doctrine
Negotiations
Overlying proprietor
Ownership of beds
Permits
Personal property
Preferences (water rights)
Prescriptive rights
Prior appropriation
Priorities
Proprietary power
Proration
Public rights
Pueblo water rights
Reasonable use
Relative rights
Remedies
Repulsion (legal aspects)
Reservation; doctrine
Riddance (legal aspects)
Riparian land
Riparian rights
Supply contracts
Surplus water
Torts
Unappropriated water
Usufructuary right
Water allocation (policy)
Water contracts
Watercourses (legal)
Water law
Water rights
Well permits

0505

Human Factors Engineering

Environmental engineering
Working conditions

0506

Humanities

Archaeology
Arts
Beautification
Formal logic

0507

Linguistics

Grammars
Languages
Machine translating
Semantics
Translating
Translations

0509

Personnel Selection, Training, and Evaluation

Abilities
Architects
Careers
Civil service
Colleges
Consulting engineers
Crafts
Designers
Education
Employee relations
Employment
Engineering education
Engineering personnel
Executives
Government employees
Instruction
Job analysis
Labor
Labor mobility
Labor supply
Labor unions
Learning
Maintenance personnel
Management training
Manpower

0-10

0509 (Con.)

Occupations
Performance rating
Personnel
Personnel management
Professional advancement
Professional development
Professional personnel
Programmed instruction
Responsibilities
Schools (education)
Scientific personnel
Self-improvement
Students
Technologists
Training
Under-employment
Universities
Visual aids

0510

Psychology

Aesthetics
Animal behavior
Applied psychology
Attitudes
Behavior
Competition
Creativity
Group dynamics
Human behavior
Human engineering
Incentives
Learning
Memory
Migration
Migration patterns
Morale
Motivation
Problem solving
Psychological aspects
Psychology
Reasoning

0511

Sociology

Area redevelopment
Bait fishing
Boating
Camping
Camp sites
Cold-water fishing
Community development
Cree census
Cruises
Electro-fishing
Ethics
Fishing
Fishing gear
Fly fishing
Fyke nets
Gill nets
Golf courses
Human population
Human resources
Hunting
Ice fishing
Ice skating
Mortality
Parental care
Parks
Playgrounds
Population
Population growth
Public opinion
Recreation
Recreation demand
Recreation facilities
Rural sociology
Scuba diving
Skiing
Social adjustment
Social aspects
Social behavior
Social change
Social function

Social impact
Social mobility
Social needs
Social participation
Social values
Sociology
Sport fishing
Surf-boarding
Surf-casting
Swimming
Swimming pools
Trawling
Urban areas
Urbanization
Urban renewal
Urban sociology
Warm-water fishing
Water skiing
Water sports
Winter sports

0600

**Biological and
Medical Sciences**

0601

Biochemistry

Adjuvants
Algal control
Algal nutrients
Algal poisoning
Algal toxins
Aminotriazole
Bioassay
Biochemistry
Bioindicators
Bioluminescence
Carbohydrates
Carbon cycle
Caseins
Cellulose
Chlorophyll
Deficient elements
Enzymes
Essential nutrients
Lipids
Nitrogen cycle
Nitrogen fixation
Peptides
Photosynthesis
Photosynthetic oxygen
Proteins
Rots
Trace elements
Vitamin B
Vitamins

0602

Bioengineering

Biological treatment

0603

Biology

Anaerobic processes
Annual turnover
Aquatic life
Aquatic productivity
Benthos
Biological properties
Biology
Biomass
Biophysics
Biorythms
Biota
Blotches
Comparative productivity
Cytological studies
Fish and wildlife
Genetics

Geotropism
Germination
Gonads
Growth
Incubation
Mode of action
Parasites
Penophyton
Phloem
Phototropism
Phylogeny
Rusts (fungi)
Sexual maturity
Stenants

0603.1

Plants

Algae
Alligatorweed
Amphibious plants
Aquatic algae
Aquatic fungi
Aquatic plants
Aquatic weeds
Bahagrass
Balsam fir trees
Bark
Benthic flora
Bermudagrass
Biochemical oxygen demand
Birch trees
Black locust trees
Blights
Bluegrasses
Brambles
Bristlecone pine trees
Bromegrass
Brush
Bulrush
Cacti
Canopy
Carrots
Cattails
Chaparral
Circulation (plants)
Clovers
Clubmoss
Coastal bermudagrass
Coniferous trees
Conifers
Cottonwoods
Dalksgrass
Deciduous trees
Dendrochronology
Desert plants
Diatoms
Dicots
Ditch grass
Douglas fir trees
Ferns
Fescues
Fir trees
Floating plants
Floating weeds
Flowering
Foliar
Forage grasses
Forage legumes
Forage mixtures
Forages
Fungi
Grass grasses
Grand fir trees
Grasses
Ground cover
Gymnosperms
Halophytes
Hemlock trees
Hickory trees
Hydroponics
Jack pine trees
Johnsongrass
Juniper trees
Kentucky bluegrass
Ladino clover

Leaves
Legumes
Lemons
Lespedeza
Lettuce
Lichens
Lilac
Limes
Loblolly pine trees
Lodgepole pine trees
Macadamia
Maple trees
Marine plants
Marsh plants
Merion blugrass
Mesquite
Mildews
Moisture stress
Molds
Monocots
Mosses
Noble fir trees
Non-parasitic diseases (plant)
Nuisance algae
Oak trees
Oats
Onions
Oranges
Orchardgrass
Ornamentals
Pacific silver fir trees
Pathogenic fungi
Peaches
Peanuts
Pecans
Perennial ryegrass
Phaeophyta
Phreatophytes
Phytoplankton
Pine trees
Pinyon pine trees
Plankton
Plant breeding
Plant diseases
Plant groupings
Plant growth
Plant growth regulators
Plant growth substances
Plant morphology
Plant pathology
Plant physiology
Plant pigments
Plant populations
Plants (botany)
Plant tissues
Plant viruses
Poisonous plants
Pollen
Pome fruits
Ponderosa pine trees
Pondweeds
Popcorn
Potatoes
Rabbitbrush
Range grasses
Red clover
Red fir trees
Red pine trees
Reeds
Rhizomes
Rhodophyta
Rice
Riparian plants
Root development
Root distribution
Rooted aquatic plants
Root systems
Root zone
Sagebrush
Sago pondweed
Scabs
Scenedesmus
Scotch pine trees
Seeds
Seepwillow
Sessile algae

THESAURUS OF WATER RESOURCES TERMS

SUBJECT CATEGORY INDEX

0603.1 (Con.)

Shrubs
Smuts
Snapdragons
Soybeans
Spores
Spots
Stemflow
Stinging nettles
Stomata
Stone fruits
Straw
Strawberries
Submerged plants
Submersed weeds
Sudangrass
Sugar beets
Sugarcane
Sweet corn
Sweet potatoes
Switchgrass
Sycamore trees
Symbiosis
Tamarisk
Taste-producing algae
Tobacco
Tolerances (plant)
Tomatoes
Tracheids
Translocation
Trees
Turf grasses
Turgidity
Vascular tissues
Vegetal cover
Vegetation
Vetch
Water hyacinth
Weed growth
Weeds
Wheat
Wheatgrasses
White-cedar trees
White clover
White fir trees
White pine trees
Widgeon grass
Wild rice
Willow trees
Xerophytes
Xylem
Yeasts
Yellow pine trees

0603.2

Animals

American widgeon
Ammonites
Amphibians
Amphipoda
Anadromous fish
Animal behavior
Animal control
Animal diseases
Animal groupings
Animal metabolism
Animal parasites
Animal pathology
Animal physiology
Animal populations
Animals
Animal sounds
Animal wastes (wildlife)
Annelids
Aquaria
Aquatic animals
Aquatic insects
Aquatic populations
Atlantic menhaden
Atlantic salmon
Barrows goldeneye duck
Bass
Beavers
Benthic fauna
Big game
Bird eggs

Birds
Bird types
Black brant
Black duck
Bloodworms
Blue goose
Blue-winged teal
Bottom fish
Brackish-water fish
Brant
Breeding
Brine shrimp
Broods
Brood stock
Brook trout
Brown trout
Buffalo fishes
Bufflehead duck
Bullheads
Burrowing animals
Caddisflies
Canada goose
Canvasback duck
Carnivores
Carp
Carp sucker
Catadromous fish
Catfishes
Cattle
Cavefishes
Channel catfish
Chinook salmon
Chum salmon
Cichlids
Cisco
Clams
Clutch (biology)
Coastal diving ducks
Cold-water fish
Commercial fish
Commercial shellfish
Common eider duck
Common goldeneye duck
Common merganser duck
Common teal
Copepods
Coral
Crabs
Crayfish
Crustaceans
Cutthroat trout
Daphnia
Darters
Deer
Desmersal fishes
Diptera
Dobsonflies
Domestic animals
Dragonflies
Ducks (wild)
Eels
Eggs
Elasmobranchs
Embryonic growth stage
Emperor goose
Entomology
Estuarine fisheries
European widgeon
Fecundity
Fish
Fish attractants
Fish behavior
Fish conservation
Fish diseases
Fish eggs
Fisheries
Fish food organisms
Fish genetics
Fish hatcheries
Fish management
Fish migration
Fish parasites
Fish populations
Fish reproduction
Fish sterilants
Fish stocking

Fish taxonomy
Fish types
Forage fish
Freshwater fish
Frogs
Fry
Fulvous tree duck
Furbearers
Gadwall duck
Game birds
Gars
Gastropods
Geese (wild)
Goats
Gophers
Greater scaup duck
Green-winged teal
Gulls
Halophilic animals
Hatching
Herbivores
Herrings
Hogs
Hosts
Immature growth stage
Insect behavior
Insect eggs
Insects
Invertebrates
Isopods
Jelly fish
Juvenile fishes
Juvenile growth stage
Killifishes
Laboratory animals
Lacewings
Lake fisheries
Lake trout
Lampreys
Larvae
Larval growth stage
Lesser scaup duck
Livebearers
Livestock
Lobsters
Low-latitude fishes
Madtoms
Mallard duck
Mammal groupings
Mammals
Man
Marine animals
Marine borers
Marine fish
Marine fisheries
Mature growth stage
Mayflies
Mexican duck
Midges
Migratory birds
Mink
Minnows
Mites
Mollusks
Morays
Mosquitoes
Mottled ducks
Mullets
Muskrats
Mussels
Mute swan
Nematodes
Newts
Non-game birds
Non-migratory birds
Nuisance birds
Odor-producing algae
Oldsquaw duck
Oligochaetes
Omnivores
Opossum shrimp
Otters
Oysters
Pan fish
Peccary
Perches

Pikes
Pike perch
Pink salmon
Pink shrimp
Pintail ducks
Plankton
Plankton nets
Poultry
Predation
Prey fish
Protozoa
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Walleye
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Water birds
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Waterfowl
Whistling swan
White bass
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White perch

0603.2

0605

0603.2 (Con.)

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Wildlife conservation
Wildlife management
Wood duck
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Xerophilic animals
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Yellow perch
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Zooplankton

0605

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0606

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Anthelmintics (pesticides)
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0608

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0609

Hygiene and Sanitation

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0612

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0613

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Anaerobic bacteria
Anaerobic conditions
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Aquatic microorganisms
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Chlamydomonas
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0616

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0619

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0700
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0701

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0702

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0703

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0704

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0705

0704 (Con.)

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0705

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Radiochemistry

0800

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0801

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0802

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0803

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0804

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Geochemistry
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0805

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0806

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0807

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0808

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0807.1

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0808

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0808.1

0808 (Con.)

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Suspended solids
Swamps
Synthetic hydrology
Thalweg
Thermal stratification
Thermal water
Throughfall
Tidal marshes
Tidal waters
Time lag
Time of concentration
Tractive forces
Trap efficiency
Tributaries
Turnovers
Unit hydrographs
Upstream
Use rates
Vegetation effects
Washouts
Waste water
Waste water use
Water balance
Water budget
Water chemistry
Water circulation
Water consumption
Water equivalent
Waterfalls
Water harvesting
Water holes
Water level fluctuations
Water levels
Water loss
Watersheds (basins)
Water shortage
Water sources
Water supply
Water supply forecasting
Water surface
Water surface profiles
Water temperature
Water transfer
Water types
Water year
Water yield
Water yield improvement
Water zoning
Weber number
Wetlands
Wild rivers

THESAURUS OF WATER RESOURCES TERMS

Deep water
Deep-well pumping
Deep wells
Disposal wells
Dowsing
Drainage
Drainage density
Drainage effects
Drainage engineering
Drainage practices
Drainage programs
Drainage systems
Drainage water
Drainage wells
Drains
Drain spacing
Drawdown
Dupuit-Forchheimer theory
Encroachment
Field capacity
Flooding
Flow nets
French drains
Fringe water
Furrow drainage
Geohydrologic units
Geysers
Gravitational water
Groundwater
Groundwater barriers
Groundwater basins
Groundwater depletion
Groundwater flow
Groundwater management
Groundwater mining
Groundwater mounds
Groundwater movement
Groundwater potential
Groundwater quality
Groundwater recharge
Groundwater sources
Horizontal drains
Hygroscopic water
Induced infiltration
Injection wells
Irrigation wells
Lakn bottom springs
Malencaves
Mole drainage
Natural recharge
Observation wells
Open drains
Outflows
Overdraft
Perched water
Perched water table
Percolating water
Percolation
Percolation tests
Permeability
Permeability coefficients
Permeability tests
Phreatic lines
Phreatic water
Pit recharge
Porous media flow
Potentiometric level
Pumping tests (wells)
Rapid drawdown
Recharge
Recharge wells
Relief wells
Saline groundwater
Salt balance
Salt water barriers
Sand drains
Saturated flow
Saturated soils
Saturation zones
Seepage
Seepage control
Seepage losses
Shallow wells
Soil moisture movement
Soil water movement
Soil-water relationship

0808.1

Drainage and Groundwater

Aquicludes
Aquifer characteristics
Aquifer model
Aquifers
Aquifer tests
Aquitards
Artesian aquifers
Artesian water
Artesian wells
Artificial recharge
Bank storage
Barometric efficiency
Bound water
Bouyoucos blocks
Buried membranes
Capillary fringe
Capillary water
Chimney drains
Cold springs
Confined water
Connate water
Controlled drainage
Deep percolation

SUBJECT CATEGORY INDEX

0901

0808.1 (Con.)

Specific capacity
Specific retention
Specific yield
Spreading basins
Storage capacity
Storage coefficient
Storm drains
Simp aquifers
Subsurface drainage
Subsurface drains
Subsurface flow
Subsurface moisture
Subsurface runoff
Subsurface waters
Superimposed drainage
Surface drainage
Surface-groundwater relationships
Thien equation
Thermal springs
Thien's equation
Thien test
Tile drainage
Tile spacing
Toe drains
Transmissibility coefficient
Transmissivity
Two-part aquifers
Underdrains
Underflow
Underground storage
Underground streams
Underground water storage
Underseepage
Unsaturated flow
Usable storage
Vertical drains
Warm springs
Waterlogged land
Water spreading
Water table
Water wells
Well casings
Well filters
Wells
Well screens
Well spacing
Well yield
Zone of aeration
Zone of saturation

0808.2

Water Resources

Conjunctive use
Hydroelectric resources
Water conservation
Water plans
Water requirements
Water resources
Water resources management
Water utilization

0809

Mining Engineering

Coal mines
Coal mine wastes
Deep-well pumping
Deep wells
Drift mining
Drilling fluids
Exploitation
Groundwater mining
Hydraulic mine-filling
Hydraulic mining
Hydraulic mining water
Mine acids
Mine drainage
Mines
Mine wastes
Mine water
Mining
Mining engineering
Oil fields
Oil wastes
Oil wells
Open pit mining

Ores
Panning
Placer mining
Quarries
Quarrying
Secondary recovery (oil)
Shafts (excavations)
Shafts (mining)
Spoil banks
Slopes
Simp mine lakes
Simp mines
Simp mine wastes
Wells

0810

Physical Oceanography

Aphotic zone
Aquatic soils
Bathymetry
Bathymetographs
Beaches
Continental margin
Continental shelf
Continental slope
Deltas
Estuaries
Intertidal areas
Nentic
Oceanography
Reefs
Sea spray
Sea water
Shoals
Thermocline
Traction

0811

Seismology

Design earthquake
Differential displacements
Earth movements
Earthquake damage
Earthquake engineering
Earthquake focus
Earthquakes
Earthquake theory
Epicenters
Seismic investigations
Seismic refraction
Seismic studies
Seismic tests
Seismic velocity
Seismic waves
Seismographs
Seismology

0812

Snow, Ice, and Permafrost

Anchor ice
Avalanches
Cryology
Deicers
Deicing
Floating ice
Frazil ice
Freeze-thaw cycle
Frost action
Frost heaving
Frost prevention
Frozen soils
Glaciers
Ice
Icebergs
Ice breakup
Ice cover
Ice crystals
Ice lakes
Ice formation
Ice jams
Ice lenses
Ice pressure
Ice prevention
Lake ice

Permafrost
Sea ice
Slush
Snow
Snow cover
Snow management
Snowpacks
Snow surveys

0813

Soil Mechanics

Active pressure
Adsorbed water
Air void ratio
Anaerobic soils
Angle of repose
At rest pressure
Atterberg limits
Auger borings
Backfills
Bank stability
Bearing capacity
Bubbling pressure
Calcareous soils
Caliche
California bearing ratio
Cohesionless soils
Cohesive soils
Cohesive strength
Compacted soils
Compaction tests
Compressible soils
Critical slopes
Disturbed samples
Drained shear tests
Dry density
Earth pressure
Embankment subsidence
Hydraulic fills
Land subsidence
Lime soil mixtures
Liquefaction
Liquid limit
Loose soils
Mohr circle
Mohr envelope
Mohr failure theory
Negative pore pressure
Optimum moisture content
Overburden
Overconsolidation
Passive pressure
Penetration resistance
Plasticity index
Plastic limits
Ponding
Ponding tests
Pore air pressure
Pore pressure
Pore water pressure
Preconsolidated soils
Preconsolidation
Proctor curves
Quick clays
Quicksand
Rapid compaction control
Relative consistency
Relative density
Remolded soil samples
Saturated soils
Settlement (structural)
Shallow subsidence
Slip-circle method
Slip planes
Slip surface
Slope stability
Slope stabilization
Soil amendments
Soil analysis
Soil chemical properties
Soil classifications
Soil compaction
Soil components
Soil compression tests
Soil consolidation tests

Soil density
Soil dispersants
Soil dynamics
Soil engineering
Soil environment
Soil groups
Soil investigations
Soil liquefaction
Soil mechanics
Soil moisture
Soil physical properties
Soil physics
Soil plasticity
Soil pressure
Soil properties
Soil resistivity
Soils
Soil science
Soil shrinkage
Soil stability
Soil stabilization
Soil strength
Soil structure
Soil suction
Soil surfaces
Soil surveys
Soil tests
Soil texture
Soil treatment
Soil types
Soil water
Stability analysis
Trafficability
Unconsolidated soils
Underconsolidation
Undisturbed samples
Undisturbed soils
Undrained shear tests
Uniformity coefficient
Unsaturated soils
Uplift pressure
Uplift resistance
Visual classifications
Void ratio

0814

Geomagnetism

Magnetic surveys
Terrestrial magnetism

0900

Electronics and Electrical Engineering

0901

Components

Airblast circuit breakers
Air gaps
Air switches
Anodes
Capacitors
Cathodes
Circuit breakers
Circuit protection
Circuits
Coaxial cables
Commutators
Connectors (electrical)
Delay circuits
Diodes
Disconnecting switches
Electrical equipment
Electrical insulation
Electrical insulators
Electrical resistors
Electric conductors
Electric fuses
Electric relays
Electric shunts
Electric switches

0901.1

0901 (Con.)

Electric terminals
Electric wire
Electrodes
Electromagnetic wave filters
Electron tubes
Integrated circuits
Interrupters
Interrupter switches
Interrupting capacity
Lightning arresters
Oscillators
Power system stability
Protection (electrical)
Protective relaying
Resistors
Shunt reactors
Shunt resistors
Slip rings
Stranded conductors
Submarine cables
Suspension insulators
Switchgear
Switching
Switching circuits
System stability (electrical)
Thermistors
Thyristors
Transducers
Transistors
Variable resistors
Withstand level (electrical)

0901.1

Electric Power Transmission

Bundled conductors
Bundled cables
Bus (electrical)
Earth resistivity (electrical)
Electric cables
Electric corona losses
Extra long distance
Gallop conductors
Ground currents
Ground return
Interconnected systems
Line switching
Load centers
Load-frequency control
Loops (electrical)
Oil-filled cables
Overhead ground wire
Power dispatching
Power grids
Power interchange
Power loads
Power pooling
Rural electrification
Terminal facilities (electrical)
Transmission (electrical)
Transmission lines
Transmission loss
Tuned transmission
Underground cables
Underground transmission lines
Wood-pole transmission lines

0902

Computers

Analog computers
Analog to digital converters
Batch processing (data)
Calculators
Computer applications
Computer models
Computer programming
Computer programs
Computers
Computer storage devices
Computer systems hardware
Computer systems programs
Data processing
Data reduction
Digital computers
Digital systems
Digital to analog converters

Hybrid computers
Magnetic tapes
Programming languages
Punched tapes

0903

Electronic and Electrical Engineering

Base loads
Electrical design
Electrical engineering
Electrical grounding
Electrical industry
Electrical shocking gear
Electrical studies
Electric motors
Electric networks
Electric power
Electric power distribution
Electric power failure
Electric power industry
Electric power losses
Electric power surveys
Electric wiring
Electronic equipment
Electronics
Firm energy
Generating capacity
Generator-motors
Ground mats
Induction motors
Installed capacity
Interrupting capacity
Load factors
Load rejection
Mobile substations
Network analysis
Overloads
Power operation & maintenance
Power supplies
Power system operations
Power system stability
Protective relaying
Short circuits
Substations (electrical)
Supervisory control (power)
Switchyards (electrical)
Synchronous machines
System stability (electrical)
Voltage regulation
Windings (electrical)
Withstand level (electrical)

0904

Information Theory

Data transmission
Data transmission systems
Information theory

0905

Subsystems

Amplifiers
Antennas
Autotransformers
Circuits
Converters (electrical)
Current transformers
Frequency converters
Frequency stabilizers
Microphones
Piezoelectric transducers
Potential transformers
Power cables
Power transformers
Rectifiers
Signal generators
Timing circuits
Transformers
Voltage dividers
Voltage regulators

0906

Telemetry

Telemetry
Telemetry systems

1000

Nonpropulsive Energy Conversion

1001

Conversion Techniques

Electric power production
Hydroelectric power
Thermal power

1002

Power Sources

Electric generators
Electric reactors
Generator-motors
Inverters
Magneto
Motor generators
Motors
Standby power
Turbogenerators

1002.1

Electric Powerplants

Electric powerplants
Geothermal powerplants
Hydroelectric powerplants
Peaking capacities
Peak loads (electrical)
Peak power
Potential hydropower
Powerplants
Spinning reserve
Thermal powerplants
Tidal powerplants

1003

Energy Storage

Electric batteries

1100

Materials

1101

Adhesives and Seals

Adhesives
Chemical sealants
Gaskets
Joint fillers
O-ring seals
Plugs
Sealants
Seal coat
Sealing compounds
Seal rings
Seals (stoppers)
Soil sealants
Water-borne sealants
Water seals
Water stops

1102

Ceramics, Refractories, and Glasses

Ceramic materials
Glass
Laminated glass

1103

Coatings, Colorants, and Finishes

Blistering
Coal tar coating
Coal-tar epoxy paints
Coatings
Dyes
Enamels
Films
Finishes
Galvanizing
Holidays (coatings)
Lacquers
Metal coatings
Paints
Pigments
Plastic coatings
Primers (coatings)
Protective coatings
Stains
Varnishes
Vinyl-resin coatings
Weatherproofing

1104

Composite Materials

Composite materials
Fillers
Laminated plastics
Laminated wood
Laminates
Substrates

1105

Fibers and Textiles

Asbestos
Fibers
Fibers (plant)
Glass fibers
Nets
Rayon
Synthetic fibers
Textiles

1106

Metals

Alloys
Aluminum alloys
Bars
Blast furnaces
Brass
Bronzes
Cadmium alloys
Calcium alloys
Carbon alloys
Carbon steels
Castings
Cast iron
Cast steel
Chromium alloys
Cobalt alloys
Cold-rolled steel
Copper alloys
Femites
Filaments
Germanium alloys
Grain structure (metals)
Heat resistant alloys
Heavy metals
High strength steels
Iron alloys
Lead alloys
Lithium alloys
Low alloy steels
Low carbon steel
Magnesium alloys
Manganese alloys
Metallurgy
Metals
Metals treatment
Microstructure
Mill scale
Molybdenum alloys

SUBJECT CATEGORY INDEX

1302

1106 (Con.)

Nickel alloys
Niobium alloys
Passive metals
Phosphorus alloys
Platinum alloys
Potassium alloys
Refractory metals
Selenium alloys
Silicon alloys
Silver alloys
Sodium alloys
Stainless steel
Steel
Steel industries
Steel plates
Structural steel
Tin alloys
Titanium alloys
Tungsten alloys
Vanadium alloys
Wire
Wire rope
Wrought iron
Zinc alloys

Wetting agents
Wood preservatives
Wood preservatives (pesticides)

1108 Oils, Lubricants, and Hydraulic Fluids

Greases
Insulating oil
Lubricating oil
Lubricants
Lubrication
Oils
Transformer oils

1109

Plastics

Alkyd resins
Epoxy resins
Glass reinforced plastics
Nylon
Phenolic resins
Plastics
Polyester resins
Polyethylene
Polystyrene
Polysulfide resins
Polyurethane resins
Polyvinyl alcohol
Polyvinyl chloride
Reinforced plastics
Styrene resins
Synthetic resins
Thermoplastic resins
Thermosetting resins
Vinyl resins

1110

Rubbers

Elastomers
Foam rubber
Rubber
Synthetic rubber

1111

Solvents, Cleaners, and Abrasives

Abrasives
Alkylbenzene sulfonates
Detergents
Dispersants
Linear alkylate sulfonates
Soaps
Solvents
Surfactants

1112

Wood and Paper Products

Cellulose
Cork
Fiberboards
Hardwood
Paper
Plywoods
Sawdust
Softwood
Sulfite liquors
Wood
Wood wastes

1113

Corrosion and Degradation

Abrasion
Abrasion resistance
Aging (physical)
Atmospheric corrosion
Biodegradation
Cathodic protection
Chalking
Corrosion
Corrosion control
Corrosion currents

Corrosion environments
Corrosion resistance
Corrosion tests
Cracks
Decomposing organic matter
Decomposition
Degradation (decomposition)
Disintegration
Fissures
Galvanic corrosion
Incrustation
Pitting
Rust control
Rusting
Scale (corrosion)
Scale prevention
Scaling
Sea water corrosion
Stray current corrosion
Stress corrosion
Underground corrosion
Underwater corrosion
Wear resistance

1200

Mathematical Sciences

1201

Mathematics and Statistics

Algebra
Algorithms
Analog models
Angle: (geometry)
Approximation method
Area
Areal
Average
Boundary values
Calculations
Calculus
Circles (geometry)
Computation
Cones (mathematics)
Coordinates
Correlation analysis
Correlation techniques
Curve fitting
Curves
Differential equations
Dimensional analysis
Equations
Finite difference method
Finite differences
Fourier analysis
Frequency analysis
Frequency curves
Frequency distribution
Gaussian distribution
Geometry
Graphical analysis
Histograms
Hodographs
Indexes (ratios)
Integrals
Integration (mathematics)
Laplace equation
Least squares method
Leontief models
Linear algebra
Linear systems
Markov processes
Mathematical analysis
Mathematical logic
Mathematical models
Mathematical studies
Mathematical tables
Mathematics
Matrix algebra
Monte Carlo method

Multiple regression
Nomographs
Normalizing
Numerical analysis
Optimization
Peak values
Probability theory
Regression analysis
Relaxation method
Scale (ratio)
Sequential analysis
Series (mathematics)
Slope angles
Spirals
Standard deviation
Statistical analysis
Statistical models
Statistics
Stochastic models
Stochastic processes
Tensor analysis
Time series analysis
Trigonometry
Vibration coefficients
Vector analysis

1202

Operations Research

Dynamic programming
Game theory
Input-output analysis
Linear programming
Operations research
Queuing theory

1300

Mechanical, Industrial, Civil, and Marine Engineering

1301

Air Conditioning, Heating, Lighting, and Ventilating

Air circulation
Air conditioning
Boiler feed water
Boilers
Coolants
Cooling
Cooling systems
Cooling towers
Cooling water
Fans
Feed water
Furnaces
Heaters
Heat exchangers
Heating
Heating plants
Heat pumps
Induction heating
Kilns
Lighting
Lighting equipment
Louvers
Ovens
Radiators
Refrigerants
Refrigeration
Refrigerators
Ventilation
Vents
Water cooling

1302

Civil Engineering

Air pollution

1302.1

1302 (Con.)

Air pollution control
Air pollution effects
Aprons
Area redevelopment
Bank protection
Banks
Bank stabilization
Bench marks
Boreholes
Buried metalwork
Channeling
City planning
Civil engineering
Coastal engineering
Core drilling
Crossings
Desilting method
Desilting works
Ditches
Drainage engineering
Dust control
Earthworks
Electric utilities
Embankments
Evaporation control
Fills
Frost protection
Grading (earthwork)
Hydraulic engineering
Incinerators
Jacks (structural shape)
Land development
Land reclamation
Landscaping
Land use
Monuments
Multiple purpose projects
Navigable rivers
Navigable waters
Open drains
Parking areas
Pollution abatement
Pollution control
Position finding
Public utilities
Public works
Pumping plants
Railroad relocation
Resource development
River basin development
Shore protection
Slope protection
Spoil
Stable channels
Sumps
Surveys
Trenches
Urban renewal
Utilities
Water control
Water management (applied)
Water recirculation
Water resources development
Water reuse
Water salvage
Water utilization
Waterways
Weepholes

Flocculation basins
Fluoridation
Garbage
Garbage dumps
Hydrants
Industrial wastes
Industrial waste treatment
Industrial water
Lagoons (ponds)
Landfills
Liquid wastes
Manholes
Municipal wastes
Municipal water
Organic loading
Organic wastes
Oxidation lagoons
Plumbing
Potable water
Pre-treatment (water)
Reclaimed water
Recreation wastes
Refuse disposal
Sanitary engineering
Sanitation
Sedimentation tanks
Septic tanks
Sewage
Sewage bacteria
Sewage disposal
Sewage effluents
Sewage lagoons
Sewage sludge
Sewage stabilization
Sewage treatment
Sewage treatment plants
Sewage works
Sewerage
Sewers
Sludge
Sludge digestion
Sludge disposal
Sludge treatment
Soil disposal fields
Solids contact process
Solid wastes
Tertiary treatment
Toxic waste disposal
Trickling filters
Ultimate disposal
Waste assimilative capacity
Waste dilution
Waste disposal
Waste dumps
Waste stabilization ponds
Waste storage
Waste treatment
Waste water (pollution)
Waste water disposal
Waste water treatment
Water distribution (applied)
Water purification
Water quality
Water quality control
Water softening
Water supply
Water supply systems
Water treatment
Water treatment plants
Waterworks

Water pollution effects
Water pollution sources
Water pollution treatment
Water quality
Water quality control
Water quality standards

Impounded waters
Impoundments
Lagoons (ponds)
Multiple purpose reservoirs
Post-impoundment
Pumped storage
Reservoir capacity
Reservoir design
Reservoir evaporation
Reservoir leakage
Reservoir operation
Reservoirs
Reservoir siting
Reservoir sites
Reservoir stages
Reservoir storage
Reservoir surveys
Reservoir yield
Selective level releases
Usable storage
Water storage

1302.3

Flood Control

Flood control
Flood damage
Flood plan zoning
Floodproofing
Flood protection
Flood routing
Floodwater
River training
Stream improvement
Stream stabilization

1302.4

Highway Engineering

Access roads
Access routes
Base courses
Concrete pavements
Flexible pavements
Highway beautification
Highway effects
Highway engineering
Highway icing
Highway relocation
Highways
Horizontal curves
Pavements
Paving
Rigid pavements
Roadbanks
Road design
Roads
Scenic highways
Seal coat
Snow removal
Streets
Subbase
Subgrade

1303

Construction Equipment, Materials, and Supplies

Adobe
Asphalt cement
Asphalt emulsions
Asphalt membranes
Asphalt plants
Asphalts
Bell conveyors
Bituminous cements
Bituminous concretes
Bituminous materials
Borrow areas
Borrow materials
Borrow pits
Bricks
Building materials
Bulldozers
Canal sealants
Catalytically blown asphalt
Cationic asphalt emulsions
Caulking
Caulking compounds
Cement grouts
Charges (explosives)
Chemical grouts
Clamshells
Clay masonry
Coarse aggregates
Compaction equipment
Concrete masonry
Concrete pipes
Concrete plants
Construction equipment
Construction materials
Construction plants
Crushed stone
Curbcut asphalts
Deformed bars
Dismantling
Draglines
Drain tiles
Dredges
Drill holes
Drum rollers
Earthfill
Earth handling equipment
Earth materials
Embedded instruments
Embedded materials
Embedded metal
Encasement
Epoxy mortar
Excavators
Fine aggregates
Flexible linings
Gravel pits
Grout stops
High-bond reinforcing bars
Ladders
Lagging
Loaders

1302.5

Demineralization

Brine disposal
Demineralization
Demineralization cells
Demineralizers
Desalination
Desalination apparatus
Desalination plants
Desalination processes
Distillation
Evaporators
Flash distillation
Flash evaporators
Flash freezing
Long-tube vertical distillation
Multistage flash distillation
Nuclear desalting
Reverse osmosis
Solar distillation
Solar stills
Transport depletion
Vapor compression distillation

1302.1

Sanitary Engineering

Activated sludge
Aerobic treatment
Anaerobic digestion
Biochemical oxygen demand
Centrifugation
Cesspools
Digestion tanks
Distribution systems
Domestic wastes
Domestic water
Effluent reuse
Effluents
Environmental sanitation
Farm lagoons

1302.2

Water Pollution

Acid mine water
Acid streams
Impaired water quality
Oily water
Path of pollutants
Pollutant identification
Pollutants
Self-purification
Stream pollution
Thermal pollution
Water pollution
Water pollution control

1302.6

Reservoirs

Afterbays
Cisterns
Dead storage
Detention reservoirs
Early impoundment
Equalizing reservoirs
Evaporation reservoirs
Farm ponds
Forebays

1303 (Con.)

Lumber
Masonry
Materials control
Materials failure
Mattresses
Mesh reinforcement
Metalwork
Mortars
Packers (grouting)
Panels
Pea gravel
Pit run materials
Pits
Plaster
Plates
Pneumatic tired rollers
Precast concrete
Prestressed concrete
Reinforcing materials
Reinforcing steels
Rental equipment
Rigid pipes
Riprap
Rock crushers
Roofing materials
Rubble
Rubble masonry
Sand pits
Scaffolds
Scarifiers
Screeds
Screens
Selected materials
Sheepsfoot rollers
Sheeting
Sheet piling
Shields
Shovels
Slip forms
Soil asphalt
Soil cement
Stones
Structural shapes
Tamping rollers
Terrazzo
Thick plates
Thin plates
Tiles
Timbers
Tramways
Transit mixers
Tremie concrete
Tunneling machines
Welding torches
Wellpoints
Wheel excavators

1303.1

Concrete Technology

Alkali aggregate reactions
Architectural concrete
Asbestos cement
Autogenous healing
Bleeding (concrete)
Cement-aggregate reaction
Cements
Concrete additives
Concrete control
Concrete finishing
Concrete mixes
Concrete placing
Concrete products
Concrete properties
Concretes
Concrete technology
Curing compounds
Cyclopean concrete
Dry pack mortar
Efflorescence
Expanding cements
Expansive concrete
False set
Fog-curing
High strength concretes
Initial set

Lailance
Lightweight aggregates
Lightweight concretes
Low alkali cements
Low heat cements
Mass concrete
Polymer concretes
Portland cements
Pozzolans
Prepacked concrete
Pumped concrete
Reinforced concrete
Retarding agents
Set-retarding agents
Shotcrete
Structural concrete
Sulfate attack
Sulfate-resisting cements
Vacuum concrete
Water-cement ratio
Water-reducing agents

1304

Containers and Packaging

Bins
Buckets
Containers
Drums
Hoppers
Labels
Storage tanks
Tanks (containers)
Vessels

1305

Couplings, Fasteners, and Joints

Adapters
Anchor bolts
Bolted joints
Bolts
Bushings
Butt joints
Chains
Circumferential joints
Clamps
Closures
Collars
Compression fittings
Connectors (mechanical)
Construction joints
Contraction joints
Couplings
Dowels
Expansion joints
Fasteners
Fillet welds
Fittings
Flexible couplings
Hinges
Hooks
Horizontal joints
Hose fittings
Joints (connections)
Lap joints
Longitudinal joints
Mechanical fasteners
Nails
Pin connected joints
Pins (mechanical)
Pipe joints
Riveted joints
Rock bolts
Roof bolts
Screws
Spacers
Spot welding
Straps
Studs
Tapered joints
Transverse joints
Universal joints
Vertical joints
Welded joints
Welds

1306

Ground Transportation Equipment

Automobiles
Hauling
Locomotives
Motor vehicles
Railroads
Sleds
Tires
Tractors
Trailers
Vehicles
Wheels

1307

Hydraulic and Pneumatic Equipment

Air chambers
Air compressors
Compressed air
Compressors
Hydraulic equipment
Hydraulic systems
Nozzles
Pneumatic systems
Rotors
Steam turbines
Turbine shafts

1307.1

Hydraulic Machinery

Air admission
Axial flow turbines
Bulb turbines
Deriaz pump turbine
Francis turbines
Governors
Hydraulic machinery
Hydraulic turbines
Impellers
Impulse turbines
Kaplan turbines
Mixed flow pumps
Pelton turbines
Pump turbines
Reaction turbines
Reversible turbines
Specific speed
Spiral cases
Stators
Stay rings
Stay vanes
Tube turbines
Turbine blades
Turbine efficiency
Turbine parts
Turbine runners
Turbines
Turbine shafts
Turbine wheels
Vaness
Water wheels
Wicket gates

1308

Industrial Processes

Abrasive blasting
Annealing
Anodic protection
Anodizing
Application methods
Arc welding
Automation
Batching
Beneficiation
Bonding
Brazing
Capping
Cathodic protection
Cladding
Cleaning
Coalescence
Crazing

Crushing
Curing
Cutting
Deaeration
Decontamination
Densification
Descaling
Dewatering
Dipping
Drilling
Drying
Dusting
Electroslag welding
Electrostatic precipitation
Entrainment
Extraction
Extrusions
Fabrication
Finishing
Flotation
Foaming
Freeze drying
Froth flotation
Frothing
Grinding
Grooves
Hardening
Hard surfacing
Heat treatment
Heavy media separation
Hydrate processes
Impregnation
Industrial engineering
Industrial production
Jacking
Machining
Materials forming
Materials handling
Mineral industry
Mixing
Moistureproofing
Oil industry
Painting
Peeling
Plant efficiencies
Plating
Posttensioning
Prestressing
Prestressing systems
Pretensioning
Process control
Processing
Product evaluation
Production control
Pulp and paper industry
Pulp wastes
Pumping
Quality control
Quenching
Riveting
Rotary drilling
Screening
Separation techniques
Shaping
Sheathing
Skimming
Soaking
Soldering
Spraying
Sprinkling
Statistical quality control
Steam curing
Stiffening
Strain hardening
Stressing cables
Stress relieving
Surface preparation
Surfacing
Treatment facilities
Twisting
Vacuum drying
Waterproofing
Welding
Winding (mechanical)

1309 Machinery, Tools, and Industrial Equipment

Appliances
Application equipment
Augers
Autoclaves
Ball mills
Bearings
Blades
Blowers
Boring machines
Brakes
Brushes
Buffers (industrial equipment)
Cables
Calyx drills
Cams
Canneries
Chipping hammers
Clutches (mechanical)
Condensers (liquefiers)
Control equipment
Control systems
Conveyances
Conveyors
Cranes (hoists)
Dehydrators
Dies
Diffusers
Dispensers
Drilling equipment
Drills
Drums
Dryers
Feeders
Flexible shafts
Gears
Governors
Grinders
Hammers
Hand augers
Handling equipment
Hand tools
Hoisting machinery
Housings
Hydraulic jacks
Industrial plants
Jacks (mechanical)
Jigs
Journal bearings
Keyways
Lathes
Machines
Machine tools
Materials handling equipment
Mechanical equipment
Mechanization
Milling machines
Mills
Mixers
Overhead cranes
Pilot plants
Power transmission (mechanical)
Presses
Propellers
Reamers
Rod mills
Roller bearings
Rollers
Rotating components
Rotating machines
Saw mills
Saws
Service life
Shafts (machinery)
Skids
Sprays
Springs (mechanical)
Thrust bearings
Torches
Transmissions (mechanical)
Traveling cranes
Variable-speed drives
Vibrators (mechanical)
Wrenches

1309.1 Mechanical Engineering

Critical speed
Machine design
Mechanical engineering

1310 Marine Engineering

Barges
Boats
Buoys
Calamarans
Docks
Drydocks
Floats
Hydrofoils
Marinas
Marine engineering
Naval architecture
Pontoons
Ships
Submarines

1311 Pumps, Filters, Pipes, Tubing, and Valves

Air filters
Air traps
Aftalta valves
Asbestos-cement pipes
Butterfly valves
Capillary tubes
Cast iron pipe
Centrifugal pumps
Check valves
Clay pipes
Copper tubing
Corrugated metal pipe
Ducts
Feed pumps
Filters
Filter stones
Flap valves
Flexible pipes
Flexible tubing
Fluid filters
Gate valves
Globe valves
High pressure valves
Hollow jet valves
Hoses
Hydraulic valves
Jet pumps
Manifolds
Metal pipes
Needle valves
Pipe bends
Pipe fittings
Pipe linings
Pipes
Pipe wrappings
Piping systems (mechanical)
Plastic pipes
Plastic tubing
Plug valves
Pressure regulators
Pretensioned pipes
Propeller pumps
Pumps
Pump tests
Reciprocating pumps
Relief valves
Rigid tubing
Ring stiffeners
Rotary pumps
Rubber pipes
Rubber tubing
Sand filters
Seats
Sleeve valves
Steel pipes
Tubes
Vacuum pumps
Valves

Water column separation
Water filters
Water pipes

1311.1 Penstocks

Bifurcations
Penstocks
Trifurcations

1312 Safety Engineering

Accidents
Disasters
Fire alarm systems
Fire extinguishers
Fires
Fire safety
Forest fires
Goggles
Hazards
Motor vehicle accidents
Nuclear safety
Radiation hazards
Safety
Shielding
Warning systems
Wrecks

1313 Structural Engineering

Appurtenances
Buried metalwork
Concrete structures
Cribbing
Crib walls
Differential displacements
Earthworks
Embankments
Fences
Fills
Flanges
Harbors
Keyways
Piers
Ribs
Rock fills
Rolled fills
Safety factors
Seismic design
Seismic properties
Seismic stability
Shoring
Slabs
Stiffeners
Structural design
Structural engineering
Tie rods

1313.1 Dams and Hydraulic Structures

Abutments
Air admission
Approach channels
Aqueducts
Arch dams
Armoring (streambed)
Baffle piers
Baffle plates
Barriers
Bellmouths
Blanket grouting
Blankets
Blowouts
Breakwaters
Buttress dams
Canal design
Canal embankments
Canal linings
Canals

Canal seepage
Channel design
Channel improvements
Channel protection
Check dams
Check structures
Chimney drains
Chute blocks
Chutes
Chute spillways
Closed conduit spillways
Cofferdams
Concrete dams
Concrete-lined canals
Concrete linings
Conduits
Control structures
Conveyance structures
Curtains
Curtain walls
Cutoffs
Cutoff trenches
Cutoff walls
Dam breaches
Dam crests
Dam design
Dam facings
Dam failure
Dam foundations
Dams
Damsites
Dam stability
Debris barriers
Dentated sills
Dikes
Discharge lines
Diversion dams
Diversion structures
Diversion works
Double-curvature arch dams
Draft tubes
Drops (structures)
Earth dams
Earth-lined canals
Earth linings
Emergency closures
Energy dissipators
Entrance channels
Entrances (fluid flow)
Fish barriers
Fish handling facilities
Fish ladders
Fish passages
Fish screens
Fishways
Flashboards
Flip buckets
Float wells
Flumes
Forebay dams
Galleries
Gravel blankets
Gravity dams
Groins (structures)
Guide walls
Headwalls
Headworks
Hydraulic conduits
Hydraulic fill dams
Hydraulic structures
Impervious blankets
Impervious linings
Impervious membranes
Intake channels
Intakes
Intake structures
Intake towers
Intake transitions
Inverted filters
Irrigation canals
Jetties
Laterals
Levees
Lined canals
Lock gates
Locks (waterways)

1313.1 (Con.)

Masonry dams
Mill dams
Morning glory spillway
Movable dams
Multilevel outlets
Multiple arch dams
Multiple purpose structures
Navigation dams
Ogee crests
Outlet works
Overfalls
Parshall flumes
Pervious blankets
Pervious linings
Plunge basins
Pump intakes
Rectangular conduits
Retention dams
Revelments
Rigid linings
River closures
Rock blankets
Rockfill dams
Rubble mounds
Sand traps
Sea walls
Self-spillway dams
Settling basins
Shaft spillways
Side channel spillways
Siphons
Ski-jump spillways
Sloping intake structures
Stuices
Spawning channels
Spilling
Spillway approach
Spillway capacity
Spillway crests
Spillway piers
Spillway profiles
Spillways
Step-downs
Stilling basins
Sublaterals
Surge tanks
Tailrace
Tailwater
Thin arch dams
Training walls
Transitions (structures)
Transition zones
Trapezoidal channels
Trapezoidal flumes
Trashracks
Trial-load method
Tumouts
Unlined canals
Wasteways
Water collection systems
Water conveyance
Water delivery
Weir ponds
Zoned embankments

1313.2**Tunnels**

Adits
Diversion tunnels
Liner plates
Pressure tunnels
Railroad tunnels
Relief vaults
Tunnel design
Tunnel failure
Tunnel linings
Tunnel plugs
Tunnel pressures
Tunnels
Tunnel supports
Unlined tunnels
Vehicular tunnels
Water tunnels (conveyance)
Water tunnels (testing)

1313.3**Pipelines**

Belmouths
Bifurcations
Blowoff structures
Buried pipes
Cast-in-place pipes
Closed conduits
Culverts
Noncircular conduits
Pipe bedding
Pipe cover
Pipe cradles
Pipe design
Pipe laying
Pipelines
Pressure conduits
Pressure pipes
Reinforced plastic pipe
Submarine pipelines
Tees
Tile drains
Trifurcations
Vacuum breakers
Wye branches

1313.4**Buildings**

Architecture
Brick masonry
Building codes
Building design
Buildings
Chimneys
Elevators
Floors
Garages
Grilles
Powerhouses
Prelabrication
Residences
Roofs
Stairs
Warehouses

1313.5**Structures**

Allowable stress
Aluminum towers
Anchored bulkheads
Anchored towers
Anchors
Arch bridges
Arches
Arch trusses
Baffles
Bailey bridges
Bascule bridges
Bays (structural)
Beams (structural)
Bearing pads
Bell piers
Bents (structural)
Boat-launching ramps
Box beams
Bracing
Bridge decks
Bridge design
Bridge failure
Bridge piers
Bridges (structures)
Bulkheads
Buried structures
Buttresses
Cantilevers
Cast-in-place structures
Cellular structures
Coastal structures
Columns
Composite beams
Composite structures
Compression members
Concrete tanks
Conduits
Continuous beams

Continuous frames
Continuous structures
Continuous trusses
Corbels
Cylindrical shells
Deep beams
Distortion (structural)
Docks
Domes (structural)
Earthquake-resistant structures
Engineering structures
Fire walls
Fixed structures
Flat plates
Frames
Gabions
Girders
Gusset plates
Guyed towers
Highway bridges
Hinged structures
Hybrid beams
Large structures
Limit design
Matrix methods (structural)
Minimum weight design
Minimum weight theory
Moment distribution
Mooring
Offshore platforms
Plane structures
Plate girders
Prestressed steel
Railroad bridges
Reinforcement
Retaining walls
Rigid frames
Roof failures
Roof supports
Shell structures
Shelters
Silos
Skewed structures
Slenderness ratio
Slope deflection method
Small structures
Space frames
Spans
Standpipes
Stay lines
Steel structures
Stiffness matrix
Stirrups
Structural analysis
Structural behavior
Structural members
Structural models
Structural relaxation
Structural stability
Structures
Struts
Supports
Suspension bridges
Thin shell structures
Towers
Transmission towers
Trestles
Truss bridges
Trusses
Ultimate strength design
Underground powerplants
Underground structures
Walls
Water tanks
Web beams
Wind bracing
Wooden bridges
Wooden structures
Wooden trestles
Yield line method

1313.6**Foundations**

Auger-type footings
Batter piles

Bearing piles
Bearing values
Belled anchors
Belled footings
Blanket grouting
Bored piles
Bridge foundations
Caissons
Cast-in-place piles
Concrete piles
Dam foundations
Differential settlement
Flexible foundations
Footings
Foundation bearing tests
Foundation failure
Foundation investigations
Foundation modulus
Foundations
Friction piles
Grillage footings
Grout curtains
Influence charts
Pad footings
Pile bearing capacities
Pile caps
Pile driving
Pile extraction
Pile foundations
Pile groups
Piles (foundations)
Pile spacing
Preloading
Pressed plate footings
Rigid foundations
Rock foundations
Settlement (structural)
Spread footings
Spread foundations
Steel piles
Underwater foundations
Uplift footings
Wooden piles

1313.7**Hydraulic Gates**

Bulkhead gates
Coaster gates
Drum gates
Emergency gates
Fixed wheel gates
Floodgates
Gate control
Gate hoists
Gates
Gate seals
Gate seats
High pressure gates
Hydraulic gates
Intake gates
Lock gates
Miter gates
Radial gates
Roller gates
Roller-mounted gates
Sector gates
Slide gates
Sluice gates
Spillway gates
Stoney gates
Stop logs
Tumout gates

1314**Project Planning**

Artificial use
Benefit-cost analysis
Benefit-cost ratios
Benefit-cost theory
Foreign projects
Investigations
Land settlement
Long-term planning
Non-structural alternatives
Optimum development plans

1315

1314 (Con.)

Preliminary investigations
Project life
Project planning
Project purposes
Site selection

1315

Construction

Blasting
Boring
Borrow areas
Borrow pits
Bridge construction
Caissons
Canal construction
Clearing
Cold weather construction
Concrete construction
Concrete finishing
Construction
Construction control
Construction management
Construction methods
Construction practices
Cratering
Cuts
Cut slopes
Dam construction
Demolition
Dewatering
Dredging
Earthmoving
Equipment installation
Erection
Excavation
Explosive construction
Explosive excavation
Foreign construction
Formwork (construction)
Grading (earthwork)
Grouting
Grouting pressure
Grout lake
Hydraulic excavation
Hydraulic fills
Installation
Jacking
Jetting
Lifts (construction)
Lift slab construction
Mudjacking
Nuclear excavation
Overbreak
Overexcavation
Overhaul
Percussion drilling
Placing
Presplit blasting
Pudding
Rapid excavation
Reservoir clearing
Reservoir construction
Ripping
Road construction
Rock breakage
Rock excavation
Rolling
Sandwiching
Smooth wall blasting
Sonic pile driving
Spoil
Stockpiling
Stringing
Stripping
Surface sealing
Tremie concrete
Tunnel construction
Tunneling
Underground explosions
Underwater construction
Underwater excavation
Vibratory compaction
Vibratory pile driving

1400 Methods and Equipment

1401

Cost Effectiveness

Adjusted costs
Administrative costs
Alternative costs
Annual costs
Annual equivalent costs
Associated costs
Average costs
Capital costs
Comparative costs
Construction costs
Contingency costs
Cost allocation
Cost analysis
Cost comparisons
Cost indexes
Costs
Cost savings
Cost sharing
Cost transfer
Cost trends
Deferred costs
Direct costs
Drainage costs
Economies
Electric power costs
Electric power rates
Engineering costs
Engineers estimates
Equipment costs
Estimated costs
Estimating equations
Fixed costs
Indirect costs
Induced costs
Initial costs
Installation costs
Insurance costs
Intangible costs
Joint costs
Labor costs
Labor savings
Maintenance costs
Non-reimbursable costs
Operating costs
Operation and maintenance costs
Overhead costs
Real costs
Reimbursable costs
Replacement costs
Separable cost allocation
Separable costs
Specific costs
Tangible costs
Time and motion studies
Total costs
Unit costs
Value engineering
Variable costs
Water costs

1402

Laboratories, Test Facilities,
and Test Equipment

Accelerated tests
Accelerometers
Acceptance tests
Ammeters
Analytical techniques
Anemometers
Assay
Atmometers
Automatic control
Barometers
Bond tests
Broad-crested weirs
Calibrations

Calorimeters
Centrifugation
Centrifuges
Chronometers
Cipolletti weirs
Circuit testers
Clocks
Collecting methods
Colorimetry
Color reactions
Compression curves
Compression tests
Concrete tests
Control equipment
Control systems
Counters
Creep tests
Current meters
Denison samplers
Densimeters
Destructive tests
Dial gages
Diaphragms (mechanics)
Dissolved oxygen analyzers
Disturbed samples
Drift bottles
Drill monitors
Drive samplers
Dye releases
Dynamic tests
Dynamometers
Electrical insulation tests
Electrical well logging
Electric bridges
Electron microscopy
Embedded instruments
Environmental tests
Evaporation pans
Evaporation tanks
Evaporators
Evaporimeters
Evapotranspirometers
Exposure tests
Extensometers
Fathometers
Fatigue tests
Field investigations
Field laboratories
Field permeability tests
Field tests
Filter tests
Fixed-bed models
Flame photometry
Flat jack method
Flow measurement
Flowmeters
Fluorimetry
Fluoroscopes
Foreign tests
Freeze-thaw tests
Frequency analyzers
Friction tests
Gages
Gaging stations
Galvanometers
Gamma probes
Geodimeters
Geophones
Geophysical logging
Gibson method
Gradation analysis
Gravimeters
Gravimetry
Haines apparatus
Hardness tests
Hook gages
Hot film anemometers
Hot wire anemometers
Hydraulic laboratories
Hydraulic models
Hydrologic instruments
Hydrologic models
Hydrometers
Hydrometry
Hypsometric analysis
Impact tests

Impulse tests (electrical)
Inclinometers
Index tests
Indicators
Infiltrimeters
Infrared detectors
Infrared spectroscopy
In situ tests
Instrumentation
Instrument transformers
Interference analyzers
Interferometers
Investigations
Jacking tests
Laboratories
Laboratory equipment
Laboratory tests
Liquid level gages
Loading tests
Lysimeters
Magnetometers
Manometers
Manual control
Materials tests
Measuring instruments
Mechanical analysis
Mechanical control
Metal tests
Metergates
Metering
Meters
Metrology
Meus-membrane filters
Micrometers
Microscopes
Microscopy
Mixing length
Mobile laboratories
Models
Model studies
Model tests
Moisture meters
Moisture sensors
Movable bed models
Nansen bottles
Neutron activation analysis
Nondestructive tests
Notch tests
Nuclear density meters
Nuclear moisture meters
Nuclear probes
Ohmmeters
Optical measurement
Orifice meters
Oscillographs
Oscilloscopes
Pan evaporation
Pendulums
Penetration tests
Penetrometers
Performance tests
Permeameters
Photometers
Photometry
Phytometers
Piezometers
Piezometry
Pile tests
Pipe tests
Piston samplers
Pitot tubes
Plate load tests
Plumbines
Polariscopes
Porous tube piezometers
Potentiometers
Precipitation gages
Pressure cells
Pressure gages
Pressure measuring instruments
Pressure sensors
Pressure tests
Pressure vessels
Probes (instruments)
Propeller meters
Prototype tests

THESAURUS OF WATER RESOURCES TERMS

SUBJECT CATEGORY INDEX

1402 (Con.)

Psychrometrics
Pull-out tests
Pull tests
Radioactive tracers
Radioactive well logging
Radioactivity techniques
Radiographic inspection
Radiography
Radiometers
Rainfall simulators
Rain gages
Rectangular weirs
Remote control
Remote sensing
Research equipment
Research facilities
Resonators
Richards apparatus
Rock tests
Rotating meters
Salinity meters
Samplers
Samples
Sampling
Scale effect
Scintillation counters
Sediment samplers
Sediment sampling
Sensors
Separation techniques
Servomechanisms
Sharp crested weirs
Shear tests
Shock tests
Shock tubes
Sieve analysis
Sieves
Slope indicators
Soil compression tests
Soil consolidation tests
Soil density probes
Soil moisture meters
Soil samplers
Soil tests
Sonic velocity tests
Soniscopes
Sounding
Spectrometers
Spectrometry
Spectrophotometry
Spectroscopy
Spectrum analysis
Staff gages
Static tests
Stilling wells
Strain gages
Strain measurement
Strain meters
Stream gages
Stream gaging station
Stress gages
Stress meters
Submerged weirs
Tagging
Temperature control
Temperature sensors
Tensiometers
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Test procedures
Test results
Tests
Test specimens
Thermal analysis
Thermocouples
Thermogalvanic cells
Thermographs
Thermometers
Thermostats

Tillimeters
Torsion shear tests
Tracers
Tracking techniques
Transmitters
Triaxial tests
Turbidimeters
Ultrasonic tests
Undrained shear tests
Vacuum apparatus
Vane shear tests
Vee-notched weirs
Velocity meters
Venturi flumes
Venturi meters
Vibration tables
Vibration tests
Viscometers
Voltmeters
Volumetric meters
Vortex tubes
Waste identification
Water analysis
Water measurement
Water metering
Water meters
Water sampling
Wattmeters
Wave tanks
Weight loss
Weir crests
Weir gages
Weirs
Wetting and drying tests
Wheatstone bridge
Wind tunnels
X-ray analysis
X-ray diffraction
X-ray inspection
X-ray spectroscopy

1403

Recording Devices

Depth recorders
Digital recording
Electrical logging
Logging (recording)
Logs
Magnetic recording
Recording systems
Water stage recorders

1404

Reliability

Reliability

1405

Reprography

Aerial photography
Borehole cameras
Cameras
Charts
Color photography
Drawings
Drill hole TV cameras
Etching
High speed photography
Infrared photography
Microfilm
Microphotography
Motion pictures
Photographic analysis
Photographic equipment
Photographs
Photography
Photointerpretation
Printing
Reproduction (copying)
Stereoscopes
Stereoscopic map plotters
Stereoscopic photography

1406

Research

Applied research
Basic research
Foreign research
High temperature research
Research and development
Research facilities

1407

General Concepts

Abatement
Abiotic environment
Ablation
Absorption
Acceptability
Accuracy
Actuals
Adhesion
Adsorption
Age
Aging (physical)
Air bubbles
Air-earth interfaces
Air environment
Air-water interfaces
Alignment
Altitude
Amplitude
Analog
Analysis
Annual
Apertures
Aquatic environment
Asymmetry
Atmosphere
Attenuation
Attenuators
Automatic
Azimuth
Behavior
Bending
Boundaries (surfaces)
Branches
Bubbles
Buckling
Bulk
Bulk density
Bulking
Buoyancy
Byproducts
Capillarity
Carriers
Cavities
Celerity
Cells
Census
Characteristics
Circulation
Clarity
Classifications
Clearances
Cleavage
Clogging
Closing
Codes
Coding
Coefficients
Coils
Collapse
Compaction
Comparative studies
Compatibility
Compression
Concentration
Conductivity
Configuration
Conservation
Consistency
Consolidation
Constraints
Constrictions
Consumption
Contamination
Contours

Contraction

Control
Conversion
Cooperation
Correction
Correlation
Criteria
Critical density
Cross sections
Crusts
Cycles
Cylinders
Damages
Damping
Defects
Deficiencies
Deflection
Deflectors
Deformation
Degradation
Density
Depletion
Deposition
Depression
Depth
Design
Design assumptions
Design criteria
Design data
Design improvements
Design modifications
Design practices
Design standards
Design strength
Design tools
Deterioration
Diffusion
Diffusivity
Dilatation
Dilation
Dimensions
Discontinuities
Displacements
Disposal
Dissipation
Distance
Distribution
Distribution patterns
Disturbances
Diurnal
Diurnal distribution
Diurnal variations
Dosage
Downstream
Drift
Drives
Drowned (submerged)
Dry weight
Dual purpose
Durability
Dynamic response
Dynamic stability
Eccentricity
Edge effect
Effects
Efficiencies
Ejection
Ejectors
Electric analogs
Elongation
Emissivity
Energy
Energy absorption
Energy balance
Energy budget
Energy losses
Engineering
Engineering evaluation
Engineering obsolescence
Engineering services
Enraptured air
Envelopes
Environments
Equilibrium
Equipment
Errors

1407 (Con.)

- | | | | |
|-----------------------------|---------------------------|------------------------------------|------------------------|
| Estimating | Marginal productivity | Radiation | Swelling pressure |
| Evaluation | Marginal utility | Rails | Symbols |
| Exciters | Mass | Ranges | Symmetry |
| Expansion | Mass transfer | Rates | Synthesis |
| Experimental data | Materials stability | Rates of application | Systematics |
| Exploration | Mean diameter | Reaches (distance) | Taper |
| Exposure | Measurement | Reclamation | Technical feasibility |
| External friction | Mechanical properties | Recovery | Technology |
| Exudation | Median diameter | Reduction | Temperate |
| Facilities | Methodology | Reflection | Temperature |
| Failure | Metric system | Reflectivity | Temperature rise |
| Failure (mechanics) | Metrology | Refraction | Temporal distribution |
| Feasibility | Microenvironment | Regional analysis | Texture |
| Feasibility studies | Moist condition | Regions | Theoretical analysis |
| Feedback | Moments | Regulation | Theory |
| Field classifications | Monitoring | Rehabilitation | Thickness |
| Field control | Monoliths | Rejection | Thinness |
| Field data | Monthly | Relocation | Three-dimensional |
| Field density | Morphology | Removal | Time |
| Fines | Movement | Renovating | Timing |
| Flat surfaces | Multiple purpose | Repairing | Tolerances (mechanics) |
| Floating | Multiple use | Replacing | Towing |
| Fluctuation | Negative friction | Reproducibility | Traction |
| Forced drying | Negative pressure | Requirements | Traffic |
| Forecasting | Network design | Resistance | Transfer |
| Foreign activities | Networks | Resistance coefficients | Transformations |
| Foreign design practices | Nocturnal | Resistance networks | Transients |
| Formulas | Nodes | Resistivity | Transpiration |
| Fouling | Nonlinear systems | Resonance | Treatment |
| Fractures | Nucleation | Resource conservation | Two-dimensional |
| Fragmentation | Objectives | Resources | Underground |
| Freeze-thaw durability | Obsolescence | Retarding | Underwater |
| Friction | Obstruction | Right-of-way | Unit weight |
| Fusion | Oil-water interfaces | Rigid boundaries | Unsaturated |
| Future planning (projected) | One-dimensional | Rods | Variability |
| Generators | Opacity | Roughness | Varieties |
| Gradation | Operating criteria | Routing | Velocity |
| Graded | Operation and maintenance | Sagging | Visibility |
| Gradients | Operations | Saline water-freshwater interfaces | Voids |
| Grain shapes | Optimum design | Salt removal | Volume |
| Grain sizes | Optimum use | Salvage | Volume change |
| Granules | Organoleptic properties | Saturation | Vulnerability |
| Hardness | Orientation | Scattering | Wastes |
| Heaving | Outdoors | Scenery | Water flux |
| Height | Outlets | Sciences | Water injury |
| Heterogeneity | Overtopping | Scientific method | Water properties |
| High head | Particle distribution | Sedimentation | Watertight |
| High pressure | Particles | Sensitivity | Waves |
| High temperature | Particle shape | Sensitivity | Weathering |
| High velocity | Particle size | Separation | Weight |
| Homogeneity | Penetration | Sequence | Wet condition |
| Humidity | Performance | Shape | Wet weight |
| Hysteresis | Periodic variations | Shrinkage | Width |
| Ice-water interfaces | Persistence | Similitude | Withdrawal |
| Ideas | Phase studies | Simulation | Workability |
| Immiscibility | Phase transformations | Sites | Worldwide |
| Impact | Physical control | Size | Zoning |
| Impulses | Physical properties | Sliding | |
| Impurities | Plans | Slipping | |
| Information | Polarity | Slots | |
| Inhibition | Polarization | Slump | |
| Injection | Pores | Smoothness | |
| Injectors | Pore size | Spacing | |
| Innovation | Porosity | Spalling | |
| Inspection | Portable | Spatial distribution | |
| Insulation | Ports | Specialization | |
| Intensity | Positive friction | Specifications | |
| Interfaces | Potential energy | Specific gravity | |
| Interstices | Powders | Specific weight | |
| Inventions | Power | Stability | |
| Isolation | Preparation | Stabilization | |
| Junctions | Preservation | Standards | |
| Leakage | Pressure | Stations | |
| Length | Pressure distribution | Storage | |
| Life expectancy | Prisms | Stratification | |
| Limiting factors | Probability | Strength | |
| Linear expansion | Procedures | Submergence | |
| Liquid-gas interfaces | Production | Subsidence | |
| Liquid-vapor interfaces | Productivity | Suction | |
| Liquid water content | Profiles | Surcharge | |
| Locating | Programs | Surface properties | |
| Locations | Propagation | Surfaces | |
| Losses | Properties | Surges | |
| Low pressure | Prototypes | Surveys (data collection) | |
| Low temperature | Pulses | Suspension | |
| Magnitude | Purification | Swelling | |

1409

- Geometric Forms**
- Angles (geometry)
 - Arches
 - Circles (geometry)
 - Cones (mathematics)
 - Curved profiles
 - Curves
 - Cylindrical bodies
 - Disks (shapes)
 - Geometric shapes
 - Helices
 - Orifices
 - Rings
 - Semicircular sections
 - Spheres
 - Wedges

1500 Military Sciences

1502
Chemical, Biological, and Radiological Operations
Biological warfare
Chemical warfare
Radiation effects

1503
Defense
Army
Civil defense
National defense
Navy

1505
Logistics
Airborne equipment
Logistics
Maintenance
Maintenance equipment
Mobile equipment
Obsolete equipment
Office equipment
Preventive maintenance
Spare parts
Transportation
Water transportation

1700 Navigation, Communications, Detection, and Countermeasures

1701
Acoustic Detection
Hydrophones
Sonar

1702
Communications
Carrier-current
Communication
Powerline carriers
Radio communication systems
Radio reception
Radio relay stations
Radios
Radio signals
Receivers
Repeaters (communications)
Telemetry
Telemetry systems
Telephones
Television
Time signals
Underwater television
VHF

1703
Direction Finding
Direction finding

1707
Navigation and Guidance
Gyroscopes
Lighthouses
Navigation
Sextants

1709
Radar Detection
Radar
Radar equipment
Radar reflections

1711
Miscellaneous Detection
Background radiation
Detection
Detectors
Metal detectors

1800 Nuclear Science and Technology

1802
Isotopes
Arsenic radioisotopes
Cadmium radioisotopes
Carbon radioisotopes
Chlorine radioisotopes
Cobalt radioisotopes
Deuterium
Gold radioisotopes
Heavy water
Iodine radioisotopes
Isotopes
Lead radioisotopes
Phosphorus radioisotopes
Plutonium radioisotopes
Potassium radioisotopes
Radioactive dating
Radioisotopes
Radionuclides
Radium radioisotopes
Sodium radioisotopes
Stable isotopes
Strontium radioisotopes
Thallium radioisotopes
Tritium
Uranium radioisotopes
Zinc radioisotopes

1803
Nuclear Explosions
Nuclear explosions

1804
Nuclear Instrumentation
Geiger counters
Neutron counters
Nuclear meters
Radiation detectors
Radiation measurement
Radiation measuring equipment

1805
Nuclear Powerplants
Dual-purpose nuclear plants
Nuclear powerplants

1806
Radiation Shielding and Protection
Electromagnetic shielding
Radiation shielding

1807
Radioactive Wastes and Fission Products
Radioactive waste disposal
Radioactive wastes

1808
Radioactivity
Fallout
Half life
Irradiation
Radioactive contamination
Radioactive decay
Radioactivity
Radioactivity effects
Radiosensitivity

1809
Reactor Technology
Nuclear engineering
Nuclear reactors

1900 Ordnance

1901
Ammunition, Explosives, and Pyrotechnics
Charges (explosives)
Delay elements (explosives)
Explosives
Fuses (explosives)
High explosives

1904
Explosions, Ballistics, and Armor
Ballistics
Blasts
Detonation
Explosions
Overpressure
Underwater explosions

1907
Rockets
Rockets

2000 Physics

2001
Acoustics
Acoustic equipment
Acoustic insulation
Acoustics
Elastic waves
Noise (sound)
Noise reduction
Sound waves
Tuning forks
Ultrasonics
Underwater acoustics

2002
Crystallography
Crystal growth
Crystallization
Crystallography
Crystals

2003
Electricity and Magnetism
Alternating current
Capacitance
Current density
Dielectric properties
Dielectrics

Dipoles
Direct current
Eddy currents
Electrical conductance
Electrical faults
Electrical grounding
Electrical impedance
Electrical properties
Electrical resistance
Electrical resistivity
Electrical stability
Electrical arcs
Electric coronas
Electric current
Electric discharges
Electric fields
Electricity
Electric potential
Electric power demand
Electrokinetic potential
Electrokinetics
Electromagnetic properties
Electromagnetism
Electromagnets
Electrons
Electrostatics
Extra high voltage
Ferromagnetism
Flashover
High voltage
Induced currents
Induced voltage
Inductance
Leakage current
Magnetic fields
Magnetic induction
Magnetic materials
Magnetic properties
Magnetosstriction
Magnets
Overvoltage
Photoelectricity
Piezoelectricity
Power factor
Reactance
Static electricity
Superconductivity
Superconductors
Suppression (electrical)
Switching surges
Thermoelectricity
Transient stability
Ultra high voltage

2004
Fluid Mechanics
Aerodynamics
Air demand
Axial flow
Back pressure
Bends (hydraulic)
Boule flotation
Boundary conditions
Boundary layer
Boundary processes
Boundary shear
California pipe method
Capillary action
Capillary conductivity
Capillary pressure
Cavitation
Cavitation control
Cavitation index
Cavitation noise
Cavitation resistance
Channel flow
Chezy equation
Closed conduit flow
Compressible flow
Continuity equation
Converging flow
Critical depth
Critical flow
Critical slopes
Critical velocity

2005

2004 (Con.)

Currents (water)
Darcys law
Darcy-Weisbach equation
Discharge (water)
Discharge coefficients
Discharge measurement
Drag
Eddies
Energy equation
Energy gradient
Fitch
Fins
Flow
Flow around objects
Flow characteristics
Flow control
Flow deflectors
Flow distribution
Flow patterns
Flow rates
Flow resistance
Flow separation
Fluid dynamics
Fluid flow
Fluid friction
Fluid mechanics
Fluids
Freeboard
Free flow
Free surfaces
Friction coefficient (hydraulic)
Froude number
Gradually varied flow
Guide vanes
Hazen-Williams equation
Head (fluid mechanics)
Head losses
Hydraulic conductivity
Hydraulic design
Hydraulic downpull
Hydraulic gradient
Hydraulic jump
Hydraulic pressure
Hydraulic properties
Hydraulic radius
Hydraulics
Hydraulic similitude
Hydraulic transients
Hydraulic transportation
Hydrodynamic pressure
Hydrodynamics
Hydrostatic pressure
Hydrostatics
Incompressible flow
Infiltration
Infiltration capacity
Infiltration rate
Jet diffusion
Jets
Kutter formula
Laminar boundary layers
Laminar flow
Low head
Mach number
Mannings equation
Minors inch
Momentum equation
Moody resistance diagrams
Nappe
Newtonian flow
Non-Newtonian flow
Non-uniform flow
Open channel flow
Orifice flow
Orifices
Permissible velocity
Pipe flow
Pilot pressures
Pilot spheres
Potential flow
Power head
Pressure drag
Pressure head
Pulsating flow
Refraction (water waves)
Relative roughness

Reynolds number
Rheology
Roll waves
Rotational flow
Roughness (hydraulic)
Roughness coefficient
Salt velocity method
Skin friction
Slug flow
Specific head
Steady flow
Stokes law
Stratified flow
Subatmospheric pressure
Subcritical flow
Submerged flow
Submerged orifices
Subsonic flow
Sudden enlargements
Supercritical flow
Supersonic flow
Surge waves
Tee losses
Transient flow
Transition flow
Translatory waves
Tunnel hydraulics
Turbulence
Turbulent boundary layers
Turbulent flow
Two-phase flow
Uniform flow
Unsteady flow
Vacuum
Velocity distribution
Velocity head
Vena contracta
Viscosity
Viscous flow
Vortices
Wakes
Wall friction
Water hammer
Water pressure
Wave action
Wave energy
Wave generation
Wave height
Wave pile-up
Wave run-up
Waves (water)
Wave suppressors
Weber number

2005

Masers And Lasers

Lasers
Masers

2006

Optics

Ambient light
Bottom-reflected light
Collimators
Color
Diffraction
Distortion (optics)
Fluorescence
Gamma rays
Infrared radiation
Lenses (optical)
Light
Light intensity
Light penetration
Light quality
Light waves
Luminescence
Mirrors
Optical instruments
Optical properties
Optics
Refractivity
Spectra
Turbidity
Ultraviolet radiation

X-ray diffraction
X-ray fluorescence
X-rays

2008

Particle Physics and Nuclear

Reactions

Alpha particles
Atoms
Beta particles
Electron beams
Electrons
Excitation
Neutron absorption
Neutrons
Nuclear energy
Nuclear fission
Nuclear magnetic resonance
Nuclear physics
Nuclear reactions
Protons

2009

Plasma Physics

Electrohydrodynamics
Magnetohydrodynamics
Plasma physics

2010

Quantum Theory and

Relativity

Quantum mechanics

2011

Mechanics

Acceleration (physics)
Aeolian vibration
Axial loads
Axial shear
Bending moments
Biaxial loads
Centrifugal force
Centripetal force
Cohesion
Confining pressure
Coriolis force
Cushioning
Cyclic loads
Dead loads
Deceleration
Dynamic loads
Dynamics
Earthquake loads
Eccentric loading
Energy dissipation
Energy transfer
Engineering mechanics
Expansive forces
External forces
Finite element method
Forced vibration
Gravity
Hoop tension
Horizontal loads
Ice loads
Ice pressure
Impact loads
Internal forces
Kinetic energy
Kinetics
Lateral forces
Live loads
Load distribution
Load factors
Loading rate
Loading time
Loads (forces)
Mechanical waves
Mechanics
Moments of inertia
Momentum
Momentum transfer
Motion
Oscillations

Pile-driving formulas
Pile friction
Pile lateral loads
Radial loads
Rankine pressure
Reactions (mechanics)
Relaxation (mechanics)
Repeated loading
Rotation
Shear forces
Shear stress
Shock (mechanics)
Shock waves
Sliding resistance
Statics
Stress analysis
Tension
Torque
Torsion
Tidal loads
Total stress
Transverse waves
Ultimate loads
Vertical loads
Vibration
Vibration damping
Work

2012

Solid State Physics

Axial compression
Axial shear
Axial strain
Axial stress
Axial tension
Bearing pressure
Bearing strength
Bending stress
Biaxial compression
Biaxial shear
Biaxial stress
Biaxial tension
Bonding strength
Brittle fractures
Brittle fracture theory
Brittleness
Bulk modulus
Circumferential stress
Compressibility
Compressive strength
Compressive stress
Cracking
Creep
Deformation modulus
Direct shear
Ductility
Effective stress
Elastic deformation
Elasticity (mechanical)
Elastic limit
Elastic theory
Failure surfaces
Fatigue (materials)
Flexibility
Flexural strength
Friction coefficient (mechanical)
Griffith theory
Inelastic action
In place density
Internal friction
Intrinsic pressure
Modulus of elasticity
Neutral stress
Normal strain
Normal stress
Notch effect
Photoelasticity
Plastic deformation
Plastic failure
Plasticity
Plastic theory
Poisson ratio
Radial stress
Rebound
Residual stress

SUBJECT CATEGORY INDEX

2203

2012 (Con.)

Resilience
Rigidity
Rupture modulus
Rupturing
Semiconductors
Shear
Shear cracks
Shear distribution
Shear drag
Shear failure
Shear modulus
Shear planes
Shear resistance
Shear strain
Shear, strength
Shock resistance
Solid friction
Solid state physics
Specific surface
Splitting tensile strength
Stiffness
Strain
Strain energy
Strain rate
Strength of materials
Stress
Stress circle
Stress concentration
Stress distribution
Stress relaxation
Stress-strain curves
Stress waves
Structure
Tangential strain
Tangential stress
Tensile properties
Tensile strength
Tensile stress
Thin films
Toughness
Transient stress
Transport phenomena
Triaxial compression
Triaxial loads
Triaxial shear
Triaxial stress
Triaxial tension
Twisting stress

Ultimate tensile strength
Unconfined compression
Viscoelasticity
Yield point
Yield strength

2013

Thermodynamics

Activation energy
Adiabatic
Advection
Benard cells
Calefaction
Conduction
Convection
Cryogenics
Cryology
Enthalpy
Entropy
Free energy
Heat
Heat balance
Heat budget
Heat flow
Heat of hydration
Heat resistance (materials)
Heat transfer
Heat transfer coefficient
Heat transmission
Isotherms
Linear expansion
Precooling
Preheating
Steam tables
Supercooling
Supersaturation
Thermal conductivity
Thermal energy
Thermal expansion
Thermal gradient
Thermal properties
Thermal radiation
Thermal stress
Thermodynamic behavior
Thermodynamics
Volatility

Waste heat

2014

Wave Propagation

Amplification
Amplitude modulation
Atmospheres
Electromagnetic pulses
Electromagnetic waves
Frequency
Frequency modulation
Frequency shifts
Harmonics
High frequency
Interference
Longitudinal waves
Low frequency
Microwaves
Modulation
Natural frequency
Phase control
Radio interference
Radio waves
Shear waves
Solitary waves
Sound
Standing waves
Waveforms
Wavelength
Wave period
Wave propagation
Wave velocity

Spark gaps
Sparks

2104

Fuels

Coal
Coal gas
Fossil fuels
Fuel oil
Fuels
Gasoline
Natural gas

2107

Reciprocating Engines

Diesel engines

2110

Engine Components

Carburetors
Pistons

2111

General Engine Concepts

Internal combustion engines
Throttling
Thrust

2112

General Propulsion Concepts

Prime movers

2100 Propulsion, Engines, and Fuels

2102

Combustion and Ignition

Burning
Combustion
Flames
Flammability
Incineration
Smoke

2200

Space Technology

2202

Spacecraft

Satellites (artificial)

2203

Spacecraft Trajectories and

Reentry

Space engineering

Hierarchical Index

Hierarchical Index

The *Hierarchical Index* has been compiled to combine in one location all broader and narrower terms related to each lead descriptor, or main entry. Only those descriptors having no broader terms and having one or more subordinate levels were selected for display as main entries.

The most generic terms are shown in bold face type at the left margin, and more specific terms follow in light face type indented at their respective hierarchical levels. Some descriptors not qualifying as main entries may appear in two or more places because of multiple relationships with different main entries. This hierarchical index displays only those broader and narrower term relationships developed in the *Thesaurus of Terms* and does not include other meanings or uses of the terms.

Through examination of descriptor families, the Thesaurus user may select the most precise term for indexing published materials, or conversely, may choose the more accurate term for the body of a technical paper.

A

Abatement

- Pollution abatement

Absorption

- Energy absorption

Acceleration (physics)

- Deceleration

Accidents

- Motor vehicle accidents

Acequias

- Public acequias

Administration

- Contract administration
- Bids
- Change orders
- Claims (contracts)
- Contracting

Adsorption

- Ion adsorption
- Anion adsorption
- Cation adsorption

Agreements

- International compacts

Aircraft

- Helicopters

Air masses

- Marine air masses

Air pollution

- Thermal pollution

Allocations

- Cost allocation
- Separable cost allocation
- Water allocation (policy)

Ammonium compounds

- Ammonium salts

Analogs

- Electric analogs

Analysis

- Chemical analysis
- Chromatography
- Gas chromatography
- Colorimetry
- Flame photometry
- Fluorometry
- Infrared spectroscopy
- Neutron activation analysis
- Qualitative analysis
- Quantitative analysis
- Gravimetric analysis
- Polarographic analysis
- Radiochemical analysis
- Volumetric analysis
- Water analysis
- Cost analysis
- Benefit-cost analysis
- Cost comparisons
- Dimensional analysis
- Gradation analysis
- Sieve analysis
- Graphical analysis
- Hydrograph analysis
- Income analysis
- Integration (mathematics)
- Management analysis
- Mathematical analysis
- Calculus
- Series (mathematics)
- Vector analysis
- Correlation analysis
- Differential equations
- Laplace equation
- Finite differences
- Fourier analysis
- Frequency analysis
- Integrals

Regression analysis

- Multiple regression
- Mechanical analysis
- Mineral analysis
- Numerical analysis
- Finite difference method
- Finite element method
- Gaussian distribution
- Monte Carlo method
- Nomographs
- Photographic analysis
- Regional analysis
- Relaxation method
- Soil analysis
- Spectrum analysis
- Stability analysis
- Slip-circle method
- Statistical analysis
- Correlation analysis
- Frequency analysis
- Histograms
- Sequential analysis
- Time series analysis
- Stress analysis
- Structural analysis
- Matrix methods (structural)
- Tensor analysis
- Terrain analysis
- Thermal analysis
- Differential thermal analysis
- X-ray analysis
- X-ray diffraction
- X-ray fluorescence
- X-ray spectroscopy

Analytical techniques

- Assay
- Bioassay
- Chromatography
- Colorimetry
- Depth-area-duration analysis
- Differential thermal analysis
- Dimensional analysis
- Financial analysis
- Flame photometry
- Fluorometry
- Gas chromatography
- Gravimetric analysis
- Hydrograph analysis
- Hypsometric analysis
- Microscopy
- Electron microscopy
- Neutron activation analysis
- Polarographic analysis
- Qualitative analysis
- Quantitative analysis
- Radiochemical analysis
- Slip-circle method
- Spectrophotometry
- Spectroscopy
- Infrared spectroscopy
- X-ray spectroscopy
- Tagging
- Thermal analysis
- Tracking techniques
- Volumetric analysis
- X-ray analysis
- X-ray diffraction
- X-ray fluorescence

Animal physiology

- Animal metabolism
- Fish physiology

Animals

- Amphibians
- Aquatic animals
- Benihic fauna
- Coral
- Crustaceans
- Amphipoda
- Copepods
- Crabs
- Crayfish
- Daphnia
- Isopods
- Lobsters
- Waterfleas
- Fish
- Ammocetes
- Anadromous fish
- Atlantic menhaden
- Atlantic salmon
- Bass
- Bottom fish
- Brackish-water fish
- Brook trout
- Brown trout
- Bullate fishes
- Bullheads
- Carp
- Carpsucker
- Catadromous fish
- Catfishes
- Caveshishes
- Channel catfish
- Chinook salmon
- Chum salmon
- Cichlids
- Cisco
- Cold-water fish
- Commercial fish
- Cutthroat trout
- Darlers
- Desmersal fishes
- Eels
- Elasmobranchs
- Forage fish
- Freshwater fish
- Fry
- Gars
- Herrings
- Juvenile fishes
- Killifishes
- Lake trout
- Lampreys
- Livebearers
- Low-latitude fishes
- Madloms
- Marine fish
- Minnows
- Morays
- Mulletts
- Pan fish
- Perches
- Pikes
- Pile perch
- Pink salmon
- Prey fish
- Rainbow trout
- Roanoke bass
- Rock bass
- Rough fish
- Saline water fish
- Salmon
- Salmonids
- Sauger
- Sculpins
- Sea basses
- Sharks
- Shiners
- Silversides
- Smelts
- Smolt
- Sockeye salmon
- Sport fish
- Sticklebacks
- Striped bass
- Suckers
- Sunfishes
- Tilapia
- Trout
- Walleye
- White bass
- White perch
- White seaperch
- Yellow bass
- Yellow perch
- Jelly fish
- Marine animals
- Mollusks
- Clams
- Gastropods
- Mussels
- Oysters
- Snails
- Teredos
- Nekton
- Newis
- Rotifers
- Salamanders
- Sea nettles
- Shellfish
- Commercial shellfish
- Shrimp
- Brine shrimp
- Opossum shrimp
- Pink shrimp
- Zooplankton
- Birds
- Ducks (wild)
- American widgeon

- Barrows goldeneye duck
- Black duck
- Blue-winged teal
- Bufflehead duck
- Canvasback duck
- Coastal diving ducks
- Common eider duck
- Common goldeneye duck
- Common merganser duck
- Common teal
- European widgeon
- Fulvous tree duck
- Gadwall duck
- Greater scaup duck
- Green-winged teal
- Lesser scaup duck
- Mallard duck
- Mexican duck
- Mottled ducks
- Oldsquaw duck
- Pintail ducks
- Puddleducks
- Redhead duck
- Ring-necked duck
- Ruddy duck
- Shoveler duck
- Stellers eider duck
- White-winged scoter
- Wood duck
- Game birds
- Geese (wild)
- Black brant
- Blue goose
- Brant
- Canada goose
- Emperor goose
- Snow goose
- White-fronted goose
- Gulls
- Migratory birds
- Non-game birds
- Non-migratory birds
- Nuisance birds
- Poultry
- Shore birds
- Song birds
- Swans
- Mute swan
- Trumpeter swan
- Whistling swan
- Wading birds
- Water birds
- Waterfowl
- Bloodworms
- Burrowing animals
- Carnivores
- Domestic animals
- Frogs
- Furbearers
- Halophilic animals
- Herbivores
- Insects
- Aquatic insects
- Caddisflies
- Diptera
- Dobsonflies
- Dragonflies
- Lacewings
- Mayflies
- Midges
- Mosquitoes
- Stoneflies
- Water beetles
- Invertebrates
- Laboratory animals
- Larvae
- Mammals
- Cattle
- Deer
- Goats
- Hogs
- Livestock
- Man
- Mink
- Dilers
- Peccary
- Rodents
- Beavers
- Gophers
- Muskrats
- Ruminants
- Sheep
- Miles
- Nematodes
- Omnivores
- Protozoa

APPRAISALS

Animals (Con.)

- . Reptiles
- . Snakes
- . Turtles
- . Scavengers
- . Small animals (mammals)
- . Thermophilic animals
- . Toads
- . Wildlife
- . Big game
- . Small game
- . Worms
- . Annelids
- . Oligochaetes
- . Sludge worms
- . Trematodes
- . Tubicids
- . Xerophilic animals

Appraisals

- . Land appraisal

Aquatic life

- . Amphipoda
- . Aquatic animals
- . Aquatic insects
- . Aquatic microorganisms
- . Aquatic plants
- . Amphibious plants
- . Aquatic algae
- . Chara
- . Diatoms
- . Dinoflagellates
- . Euglena
- . Euglenophyta
- . Marine algae
- . Nuisance algae
- . Odor-producing algae
- . Pyrrophyta
- . Rhodophyta
- . Scenedesmus
- . Taste-producing algae
- . Aquatic bacteria
- . Aquatic fungi
- . Aquatic weeds
- . Alligatorweed
- . Floating weeds
- . Pondweeds
- . Sago pondweed
- . Submersed weeds
- . Water hyacinth
- . Beggaloa
- . Butrush
- . Cattails
- . Chlamydomonas
- . Ditch grass
- . Ferrobacillus
- . Floating plants
- . Marine bacteria
- . Marine fungi
- . Marine plants
- . Rooted aquatic plants
- . Sphaerotilus
- . Submerged plants
- . Thermophilic bacteria
- . Widgeon grass
- . Wild rice
- . Benthos
- . Benthic fauna
- . Benthic flora
- . Ducks (wild)
- . Fish
- . Geese (wild)
- . Marine animals
- . Marine microorganisms
- . Nannoplankton
- . Periphyton
- . Phytoplankton
- . Plankton

Aquiculture

- . Fish farming

Aquifers

- . Artesian aquifers
- . Strip aquifers
- . Two-part aquifers

Astronomical bodies

- . Moon
- . Planets
- . Earth (planet)
- . Mars (planet)
- . Stars
- . Sun

Attractants

- . Fish attractants
- . Insect attractants

- . Mammalian attractants

Avalanches

- . Debris avalanches

B

Barriers

- . Debris barriers
- . Trashracks
- . Fish barriers
- . Groundwater barriers
- . Salt water barriers

Bars

- . Deformed bars

Bearing capacity

- . Pile bearing capacities

Bearings

- . Journal bearings
- . Roller bearings
- . Thrust bearings

Beautification

- . Highway beautification

Beds

- . Beds under water
- . Channel beds
- . Dry beds
- . Lake beds
- . River beds
- . Streambeds

Behavior

- . Animal behavior
- . Fish behavior
- . Human behavior
- . Insect behavior
- . Social behavior
- . Structural behavior
- . Thermodynamic behavior

Bends (hydraulic)

- . Pipe bends

Benefits

- . Annual benefits
- . Annual equivalent benefits
- . Comparative benefits
- . Deferred benefits
- . Direct benefits
- . Estimated benefits
- . Fringe benefits
- . Implied benefits
- . Indirect benefits
- . Induced benefits
- . Intangible benefits
- . Lagged benefits
- . Manual benefits
- . Marginal benefits
- . Monetary benefits
- . Non-reimbursable benefits
- . Project benefits
- . Public benefits
- . Real benefits
- . Tangible benefits

Biological communities

- . Dominant organisms
- . Ecotypes

Biomes

- . Coniferous forests
- . Deciduous forests
- . Deserts
- . Grasslands
- . Pasture
- . Rain forests
- . Tundra

Blankets

- . Gravel blankets
- . Impervious blankets
- . Pervious blankets
- . Rock blankets

Blasting

- . Presplit blasting
- . Smooth wall blasting

Blasts

- . Nuclear explosions
- . Underground explosions
- . Underwater explosions

Boats

- . Catamarans

Bodies of water

- . Bays
- . Bays (topographic features)
- . Estuaries
- . Gulfs
- . Impoundments
- . Early impoundment
- . Reservoirs
- . Afterbays
- . Detention reservoirs
- . Equilizing reservoirs
- . Evaporation reservoirs
- . Forebays
- . Multiple purpose reservoirs
- . Navigable waters
- . Harbors
- . Inland waterways
- . Oceans
- . Running waters
- . Rivers
- . Interstate rivers
- . Navigable rivers
- . Wild rivers
- . Springs (water)
- . Cold springs
- . Geysers
- . Hot springs
- . Lake bottom springs
- . Thermal springs
- . Warm springs
- . Streams
- . Acid streams
- . Alluvial streams
- . Effluent streams
- . Ephepheral streams
- . Influent streams
- . Intermittent streams
- . Natural streams
- . Non-perennial streams
- . Perennial streams
- . Tributaries
- . Underground streams
- . Standing waters
- . Iced lakes
- . Lakes
- . Playa lakes
- . Saline lakes
- . Strip mine lakes
- . Inlets (waterways)
- . Ponds
- . Farm ponds
- . Great ponds
- . Oxidation lagoons
- . Sagponds
- . Stock ponds
- . Waste stabilization ponds
- . Surface waters

Borings

- . Auger borings

Borrow areas

- . Borrow pits

Boundaries (surfaces)

- . Free surfaces
- . Fronts (atmospheric)
- . Interfaces
- . Air-earth interfaces
- . Earth-water interfaces
- . Mud-water interfaces
- . Sediment-water interfaces
- . Ice-water interfaces
- . Liquid-gas interfaces
- . Air-water interfaces
- . Liquid-vapor interfaces
- . Oil-water interfaces
- . Saline water-freshwater interfaces
- . Rigid boundaries

Boundary layer

- . Laminar boundary layers
- . Turbulent boundary layers

Bracing

- . Wind bracing

Branches

- . Bifurcations
- . Trifurcations

THESAURUS OF WATER RESOURCES TERMS

Breeding

- . Plant breeding

Bubbles

- . Air bubbles

Budgets

- . Energy budget
- . Heat budget
- . Federal budget
- . Hydrologic budget
- . Water budget

C

Cables

- . Stressing cables

Casings

- . Well casings

Cells

- . Pressure cells

Cements

- . Bituminous cements
- . Asphalt cement
- . Catalytically blown asphalt
- . Cutback asphalts
- . Expanding cements
- . Portland cements
- . Low alkali cements
- . Low heat cements
- . Sulfate-resisting cements

Census

- . Creel census

Charts

- . Bar graphs
- . Flow charts
- . Influence charts
- . Organization charts

Chemical compounds

- . Alcohols
- . Fatty alcohols
- . Hexadecanol
- . Octadecanol
- . Aldehydes
- . Acroleins
- . Alkaloids
- . Aluminum compounds
- . Alums
- . Anhydrite
- . Aromatic compounds
- . Arsenic compounds
- . Bicarbonates
- . Boron compounds
- . Cadmium compounds
- . Calcium compounds
- . Calcium carbonate
- . Calcium chloride
- . Calcium hydronide
- . Calcium sulfate
- . Carbohydrates
- . Cellulose
- . Carbon compounds
- . Carbonates
- . Carbon dioxide
- . Carbon monoxide
- . Cesium compounds
- . Chlorine compounds
- . Chlorides
- . Calcium Chloride
- . Sodium Chloride
- . Chromium compounds
- . Cobalt compounds
- . Copolymers
- . Copper compounds
- . Copper sulfate
- . Ethers
- . Ethylene glycol
- . Fluorescein
- . Fluorine compounds
- . Fluorides
- . Fulvic acids
- . Germanium compounds
- . Halides
- . Hydrates
- . Hydrocarbons

HIERARCHICAL INDEX

Chemical compounds (Con.)

- . Benzene
- . Bitumens
- . . . Asphalt
- . . . Naptha
- . . . Petroleum
- . Coal tar
- . Lignins
- . . . Chrome lignins
- . Hydrogen sulfide
- . Inorganic compounds
- . Iron compounds
- . . . Ferrites
- . . . Iron oxides
- . Lead compounds
- . Lithium compounds
- . Magnesium compounds
- . . . Magnesium carbonates
- . . . Magnesium hydroxide
- . Manganese compounds
- . Mercury compounds
- . Molybdenum compounds
- . Nickel compounds
- . Niobium compounds
- . Nitrogen compounds
- . . . Amino acids
- . . . Ammonia
- . . . Ammonium salts
- . . . Nitrates
- . . . Nitrites
- . . . Nitroglycerin
- . Organic acids
- . Organic compounds
- . Oxides
- . Phenols
- . Phosphorus compounds
- . . . Phosphates
- . Platinum compounds
- . Polymers
- . Potassium compounds
- . . . Potassium carbonate
- . Radium compounds
- . Salts
- . . . Fused salts
- . . . Soluble salts
- . Selenium compounds
- . Silicates
- . Silicon compounds
- . . . Silica
- . . . Silicones
- . Silver compounds
- . . . Silver iodine
- . Sodium compounds
- . . . Sodium arsenite
- . . . Sodium carbonate
- . . . Sodium chloride
- . . . Sodium nitrates
- . . . Sodium phosphates
- . . . Sodium silicate
- . . . Sodium sulfate
- . Sulfur compounds
- . . . Sulfates
- . . . Sulfides
- . . . Sulfite liquors
- . . . Sulfonates
- . . . Sulfuric acid
- . Tin compounds
- . Titanium compounds
- . Tungsten compounds
- . Vanadium compounds
- . Zinc compounds

Chemical elements

- . Aluminum
- . Argon
- . Barium
- . Boron
- . Bromine
- . Cadmium
- . Calcium
- . Carbon
- . Cesium
- . Chlorine
- . Chromium
- . Cobalt
- . Copper
- . Ferrites
- . Fluorine
- . Germanium
- . Gold
- . Halogens
- . Heavy metals
- . Helium
- . Hydrogen
- . Inert gases
- . Iron
- . Lead (element)
- . Lithium
- . Magnesium
- . Manganese

- . Mercury (metal)
- . Metals
- . . . Alkali metals
- . . . Alkaline earth metals
- . . . Alloys
- . . . Aluminum alloys
- . . . Brass
- . . . Bronzes
- . . . Cadmium alloys
- . . . Calcium alloys
- . . . Carbon alloys
- . . . Carbon steels
- . . . Cast iron
- . . . Cast steel
- . . . Chromium alloys
- . . . Cobalt alloys
- . . . Copper alloys
- . . . Germanium alloys
- . . . High strength steels
- . . . Iron alloys
- . . . Lead alloys
- . . . Lithium alloys
- . . . Low alloy steels
- . . . Low carbon steel
- . . . Magnesium alloys
- . . . Manganese alloys
- . . . Molybdenum alloys
- . . . Nickel alloys
- . . . Niobium alloys
- . . . Phosphorus alloys
- . . . Platinum alloys
- . . . Potassium alloys
- . . . Selenium alloys
- . . . Silicon alloys
- . . . Silver alloys
- . . . Sodium alloys
- . . . Stainless steel
- . . . Steel
- . . . Tin alloys
- . . . Titanium alloys
- . . . Tungsten alloys
- . . . Vanadium alloys
- . . . Zinc alloys
- . Refractory metals
- . Molybdenum
- . Neon
- . Nickel
- . Niobium
- . Nitrogen
- . Nonmetals
- . Oxygen
- . Phosphorus
- . Platinum
- . Plutonium
- . Potassium
- . Radium
- . Selenium
- . Silicon
- . Silver
- . Sodium
- . Sulfur
- . Tin
- . Titanium
- . Tungsten
- . Vanadium
- . Zinc

Chemical reactions

- . Ammonification
- . Cement-aggregate reaction
- . Alkali aggregate reactions
- . Chelation
- . Chlorination
- . Combustion
- . Decomposition
- . . . Degradation (decomposition)
- Biodegradation
- Anaerobic digestion
- Sludge digestion
- Chemical degradation
- Sulfate attack
- . Thermal decomposition
- . Denitrification
- . Hydrogenation
- . Hydrolysis
- . Ionization
- . Neutralization
- . Nitritification
- . Oxidation
- . Photosynthesis
- . Polymerization
- . Reduction (chemical)
- . Solvation

Chemicals

- . Acaricides
- . Acids
- . . . Amino acids
- . . . Fulvic acids

- . Humic acids
- . Mine acids
- . Organic acids
- . Sulfuric acid
- . Additives
- . . . Admixtures
- . . . Air entraining agents
- . . . Retarding agents
- . . . Set-retarding agents
- . . . Water reducing agents
- . Concrete additives
- . Soil amendments
- . Agricultural chemicals
- . Defoliants
- . Fertilizers
- . Alkalis (bases)
- . Bactericides
- . Buffers (chemistry)
- . Deloculants
- . Detergents
- . Dispersants
- . Dyes
- . Emulsifiers
- . Flocculants
- . Fluorescein
- . Fungicides
- . . . Nematocides
- . . . Oxidizers
- . . . Pesticides
- . . . Aldrin
- . . . Alkylates
- . . . Aliphatic pesticides
- . . . Aminotriazole
- . . . Antibiotics (pesticides)
- . . . Anthelmintics (pesticides)
- . . . Antiprotozoals (pesticides)
- . . . Arsenicals (pesticides)
- . . . Avicides
- . . . Carbamate pesticides
- . . . Chlorinated hydrocarbon pesticides
- . . . 2,4-D
- . . . Dalapon
- . . . DDT
- . . . Diazinon
- . . . 2,6-Dichlorobinil
- . . . Dieldrin
- . . . Diquat
- . . . Endrin
- . . . Gametocides
- . . . Halogenated pesticides
- . . . Heptachlor
- . . . Herbicides
- . . . Inorganic pesticides
- . . . Insecticides
- . . . Larvicides
- . . . Metal organic pesticides
- . . . Molluscicides
- . . . Monuron
- . . . Organic pesticides
- . . . Organophosphorus pesticides
- . . . Ovicides
- . . . Paraquat
- . . . Phenolic pesticides
- . . . Phosphothioate pesticides
- . . . Piscicides
- . . . Post-emergents
- . . . Pre-emergents
- . . . Pyridine pesticides
- . . . Rodenticides
- . . . Sprochetalicides (pesticides)
- . . . 2,4,5-T
- . . . Thiocarbamate pesticides
- . . . Triazine pesticides
- . . . Triazole pesticides
- . . . Ureacil pesticides
- . . . Urea pesticides
- . . . Viricides
- . . . Wood preservatives (pesticides)
- . Plant growth regulators
- . Poisons
- . Reducing agents
- . Salts
- . Soil sterilants
- . Toxins
- . . . Algal toxins
- . . . Fish toxins
- . . . Venoms
- . Wetting agents

Circuits

- . Delay circuits
- . Integrated circuits
- . Switching circuits
- . Timing circuits

Civil law

- . Torts

CONCRETE TECHNOLOGY

Classifications

- . Field classifications
- . Land classification
- . Soil classifications
- . Visual classifications

Clearing

- . Land clearing
- . Reservoir clearing

Climate

- . Arid climates
- . Cold climates
- . Humid climates
- . Semiarid climates
- . Subhumid climates
- . Wet climates

Climatology

- . Climatic changes
- . Microclimatology
- . Paleoclimatology

Closures

- . Emergency closures

Clouds

- . Cap clouds
- . Cirrus clouds
- . Convection clouds
- . Cumulonimbus clouds
- . Cumulus clouds
- . Fog
- . . . Supercooled fog
- . Orographic clouds
- . Smog
- . Stratus clouds

Coatings

- . Coal-tar epoxy paints
- . Enamels
- . Galvanizing
- . Lacquers
- . Metal coatings
- . Painting
- . Paints
- . Protective coatings
- . . . Coal tar coating
- . . . Plastic coatings
- . . . Primers (coatings)
- . . . Vinyl-resin coatings
- . Varnishes

Coefficients

- . Discharge coefficients
- . Evaporation coefficient
- . Friction coefficient (hydraulic)
- . Friction coefficient (mechanical)
- . Heat transfer coefficient
- . Permeability coefficients
- . Poisson ratio
- . Resistance coefficients
- . Roughness coefficient
- . Runoff coefficient
- . Rupture modulus
- . Storage coefficient
- . Uniformity coefficient
- . Variation coefficients

Colloids

- . Aerosols
- . Hydrosols (dispersions)

Compaction

- . Soil compaction
- . Vibratory compaction

Compression

- . Axial compression
- . . . Biaxial compression
- . . . Triaxial compression
- . Unconfined compression

Computer programs

- . Computer systems programs

Computer systems hardware

- . Computer storage devices
- . . . Magnetic tapes
- . . . Punched tapes

Concrete products

- . Asbestos-cement pipes
- . Cast-in-place piles
- . Concrete piles
- . Concrete pipes

Concrete technology

- . Concrete mixes

CONDENSATION

Condensation

- . Dew
- . Dropwise condensation

Conservation

- . Resource conservation
- . Fish conservation
- . Soil conservation
- . Water conservation
- . Wildlife conservation

Consistency

- . Relative consistency

Consolidation

- . Overconsolidation
- . Preconsolidation
- . Underconsolidation

Constraints

- . Institutional constraints
- . Political constraints

Construction

- . Bridge construction
- . Canal construction
- . Cold weather construction
- . Concrete construction
- . Concrete finishing
- . Concrete placing
- . Dam construction
- . Erection
- . Foreign construction
- . Lift slab construction
- . Reservoir construction
- . Road construction
- . Tunnel construction
- . Tunneling
- . Underwater construction

Construction methods

- . Explosive construction
- . Lift slab construction
- . Pudding

Construction plants

- . Asphalt plants
- . Concrete plants

Consumers

- . Water users

Consumption

- . Water consumption

Containers

- . Autoclaves
- . Bins
- . Buckets
- . Drums
- . Hoppers
- . Silos
- . Tanks (containers)
- . Concrete tanks
- . Digestion tanks
- . Evaporation tanks
- . Sedimentation tanks
- . Septic tanks
- . Storage tanks
- . Surge tanks
- . Water tanks
- . Cisterns
- . Vessels
- . Pressure vessels

Contamination

- . Radioactive contamination
- . Soil contamination

Contracts

- . Change orders
- . Claims (contracts)
- . Repayment contracts
- . Supply contracts

Control

- . Animal control
- . Fish guiding
- . Automatic control
- . Biocontrol
- . Cavitation control
- . Chemcontrol
- . Concrete control
- . Construction control
- . Contour farming
- . Corrosion control
- . Anodic protection
- . Cathodic protection
- . Rust control

- . Cultural control
- . Dust control
- . Erosion control
- . Evaporation control
- . Evapotranspiration control
- . Field control
- . Flood control
- . Flow control
- . Flow augmentation
- . Low-flow augmentation
- . Gale control
- . Geologic control
- . Governors
- . Load-frequency control
- . Manual control
- . Materials control
- . Mechanical control
- . Pest control
- . Algal control
- . Insect control
- . Weed control
- . Aquatic weed control
- . Brush control
- . Phase control
- . Physical control
- . Pollution control
- . Air pollution control
- . Water pollution control
- . Quality control
- . Statistical quality control
- . Water quality control
- . Rapid compaction control
- . Remote control
- . Sediment control
- . Seepage control
- . Supervisory control (power)
- . Temperature control
- . Transpiration control
- . Water control

Control equipment

- . Electric switches
- . Air switches
- . Circuit breakers
- . Airblast circuit breakers
- . Disconnecting switches
- . Electric relays
- . Interrupters
- . Interrupter switches
- . Thermostats
- . Pressure regulators
- . Relief valves
- . Servomechanisms
- . Voltage regulators

Conversion

- . Energy conversion

Coordinates

- . Grid systems

Corrosion

- . Atmospheric corrosion
- . Galvanic corrosion
- . Stray current corrosion
- . Rusting
- . Scale (corrosion)
- . Sea water corrosion
- . Stress corrosion
- . Underground corrosion
- . Underwater corrosion

Costs

- . Adjusted costs
- . Administrative costs
- . Alternative costs
- . Annual costs
- . Annual equivalent costs
- . Associated costs
- . Average costs
- . Capital costs
- . Comparative costs
- . Construction costs
- . Contingency costs
- . Deferred costs
- . Direct costs
- . Drainage costs
- . Electric power costs
- . Engineering costs
- . Equipment costs
- . Estimated costs
- . Fixed costs
- . Indirect costs
- . Induced costs
- . Initial costs
- . Installation costs
- . Insurance costs
- . Intangible costs
- . Joint costs
- . Labor costs

- . Maintenance costs
- . Marginal costs
- . Non-reimbursable costs
- . Operating costs
- . Operation and maintenance costs
- . Overhead costs
- . Real costs
- . Reimbursable costs
- . Replacement costs
- . Separable costs
- . Specific costs
- . Tangible costs
- . Total costs
- . Unit costs
- . Variable costs
- . Water costs

Counters

- . Geiger counters
- . Neutron counters
- . Scintillation counters

Couplings

- . Flexible couplings

Cracks

- . Shear cracks

Criteria

- . Design criteria
- . Operating criteria

Crystals

- . Clathrates
- . Ice crystals

Curing

- . Fog-curing
- . Steam curing

Currents (water)

- . Density currents
- . Eddies
- . Ocean currents
- . Rip currents
- . Turbidity currents

Curtains

- . Grout curtains

Cutting

- . Machining

Cycles

- . Carbon cycle
- . Hydrologic cycle
- . Nitrogen cycle

D

Damages

- . Flood damage

Damping

- . Vibration damping

Dating

- . Dendrochronology
- . Radioactive dating

Deflectors

- . Flow deflectors

Degradation

- . Degradation (decomposition)
- . Biodegradation
- . Anaerobic digestion
- . Sludge digestion
- . Chemical degradation
- . Sulfate attack
- . Degradation (stream)

Demand

- . Electric power demand
- . Recreation demand
- . Water demand

Depletion

- . Groundwater depletion

Design

- . Canal design

THESAURUS OF WATER RESOURCES TERMS

- . Channel design
- . Electrical design
- . Foreign design practices
- . Hydraulic design
- . Irrigation design
- . Network design
- . Optimum design
- . Pipe design
- . Reservoir design
- . Road design
- . Seismic design
- . Structural design
- . Bridge design
- . Building design
- . Dam design
- . Limit design
- . Minimum weight design
- . Tunnel design

Detection

- . Sounding

Detectors

- . Depth recorders
- . Hydrophones
- . Metal detectors
- . Scintillation counters
- . Sensors
- . Infrared detectors
- . Moisture sensors
- . Pressure sensors
- . Radiation detectors
- . Geiger counters
- . Photometers
- . Seismographs
- . Temperature sensors
- . Thermocouples
- . Thermometers

Diagrams

- . Arrow diagrams
- . Phase diagrams

Diets

- . Fish diets

Diffraction

- . X-ray diffraction

Digestion

- . Anaerobic digestion
- . Sludge digestion

Dilution

- . Waste dilution

Discharge (water)

- . Peak discharge

Diseases

- . Animal diseases
- . Botulism
- . Fish diseases
- . Human diseases
- . Plant diseases
- . Blights
- . Blotches
- . Non-parasitic diseases (plant)
- . Rots
- . Rusts (fungi)
- . Scabs
- . Smuts
- . Spots
- . Wills
- . Soil-borne diseases
- . Zoonoses

Disposal

- . Refuse disposal
- . Ultimate disposal
- . Waste disposal
- . Brine disposal
- . Radioactive waste disposal
- . Sewage disposal
- . Sludge disposal
- . Toxic waste disposal
- . Waste dilution
- . Waste water disposal

Distribution

- . Diurnal distribution
- . Ecological distribution
- . Load distribution
- . Moment distribution
- . Pressure distribution
- . Sediment distribution
- . Shear distribution
- . Spatial distribution
- . Temporal distribution

HIERARCHICAL INDEX

Distribution (Con.)

- Water distribution (applied)

Disturbances

- Solar disturbances

Ditches

- Furrows
- Contour furrows
- Irrigation ditches

Docks

- Drydocks

Documentation

- Abstracts
- Dictionaries
- Directories
- Reports
- Progress reports
- Streamflow records
- Tables (data)
- Mathematical tables
- Steam tables
- Technical papers

Drag

- Pressure drag

Drainage

- Controlled drainage
- Furrow drainage
- Mine drainage
- Mole drainage
- Subsurface drainage
- Superimposed drainage
- Surface drainage
- Tile drainage
- Tile drains
- Underdrains

Drawdown

- Rapid drawdown

Drift

- Aquatic drift
- Driftwood
- Flotsam
- Jetsam
- Tripton
- Littoral drift
- Pesticide drift

Drilling

- Core drilling
- Percussion drilling
- Rotary drilling

Drives

- Variable-speed drives

Drops (fluids)

- Raindrops

Drying

- Forced drying
- Freeze drying
- Vacuum drying

Dust

- Sawdust

E

Earthquakes

- Design earthquake

Earthworks

- Embankments
- Canal embankments
- Dikes
- Earth Dams
- Hydraulic fill dams
- Levees
- Roadbanks
- Zoned embankments
- Rockfill dams
- Terraces

Easements

- Scenic easements

Ecology

- Environmental gradient
- Physiological ecology
- Primary productivity
- Radioecology
- Secondary productivity

Economies

- Economies of scale

Ecosystems

- Biorhythms
- Succession
- Allogenic succession
- Annual succession
- Autogenic succession
- Climax
- Climatic climax
- Disclimax
- Postclimax
- Predclimax
- Subclimax
- Dune succession
- Lake stages
- Emerging vegetation stage
- Pioneer stage
- Submerged vegetation stage
- Temporary pond stage

Education

- Engineering education

Effects

- Air pollution effects
- Drainage effects
- Environmental effects
- Highway effects
- Irrigation effects
- Radioactivity effects
- Soil contamination effects
- Third party effects
- Tidal effects
- Vegetation effects
- Water pollution effects

Efficiencies

- Barometric efficiency
- Economic efficiency
- Irrigation efficiency
- Plant efficiencies
- Turbine efficiency

Effluents

- Sewage effluents

Elastomers

- Rubber
- Foam rubber
- Synthetic rubber

Electric cables

- Buried cables
- Coaxial cables
- Power cables
- Underground cables

Electric conductors

- Electrolytes
- Superconductors

Electric current

- Alternating current
- Corrosion currents
- Direct current
- Eddy currents
- Electric discharges
- Electric arcs
- Electric coronas
- Flashover
- Lightning
- Ground currents
- Induced currents
- Leakage current

Electric potential

- Extra high voltage
- High voltage
- Ultra high voltage

Electric power production

- Thermal power

Electrodes

- Anodes
- Cathodes

Electromagnetic properties

- Color
- Reflectivity

Employment

- Full employment
- Under-employment
- Unemployment

Emulsions

- Asphalt emulsions
- Cationic asphalt emulsions

Energy

- Activation energy
- Firm energy
- Free energy
- Heat
- Latent heat
- Waste heat
- Heat of hydration
- Kinetic energy
- Nuclear energy
- Potential energy
- Strain energy
- Thermal energy
- Tidal energy
- Wave energy

Energy dissipation

- Energy losses

Entrainment

- Air entrainment

Entrances (fluid flow)

- Bellmouths

Envelopes

- Mohr envelope

Environments

- Abiotic environment
- Air environment
- Aquatic environment
- Estuarine environment
- Lentic environments
- Lotic environment
- Habitats
- Aquatic habitats
- Deep-water habitats
- Overwintering sites
- Terrestrial habitats
- Wildlife habitats
- Microenvironment
- Soil environment

Equations

- Chezy equation
- Continuity equation
- Darcy-Weisbach equation
- Energy equation
- Estimating equations
- Hazen-Williams equation
- Hydrologic equation
- Kutter formula
- Laplace equation
- Mannings equation
- Momentum equation
- Theis equation
- Thiems equation
- Yield equations

Equipment

- Acoustic equipment
- Airborne equipment
- Application equipment
- Autoclaves
- Boilers
- Centrifuges
- Compressors
- Air compressors
- Condensers (liquefiers)
- Construction equipment
- Asphalt plants
- Compaction equipment
- Drum rollers
- Pneumatic tired rollers
- Rollers
- Sheepsfoot rollers
- Tamping rollers
- Concrete plants
- Cranes (hoists)
- Overhead cranes
- Traveling cranes
- Earth handling equipment
- Excavators
- Clamshells
- Draglines
- Dredges
- Shovels
- Tunneling machines
- Wheel excavators

EQUIPMENT

- Scanners
- Mixers
- Transit mixers
- Packers (grouting)
- Rock crushers
- Screeds
- Tractors
- Bulldozers
- Wellpoints
- Conveyors
- Belt conveyors
- Dehydrators
- Drilling equipment
- Drills
- Augers
- Calyx drills
- Hand augers
- Drill monitors
- Dryers
- Electrical equipment
- Capacitors
- Converters (electrical)
- Frequency converters
- Electrical insulators
- Suspension insulators
- Electrical shocking gear
- Electric generators
- Dynamometers
- Magnetos
- Motor generators
- Turbogenerators
- Electric motors
- Induction motors
- Electric reactors
- Electric switches
- Airblast circuit breakers
- Air switches
- Circuit breakers
- Disconnecting switches
- Electric relays
- Interrupters
- Interrupter switches
- Frequency stabilizers
- Lightning arresters
- Rectifiers
- Stators
- Switchgear
- Thermostats
- Transformers
- Autotransformers
- Current transformers
- Instrument transformers
- Potential transformers
- Power transformers
- Voltage regulators
- Electric wire
- Electronic equipment
- Computers
- Analog computers
- Digital computers
- Hybrid computers
- Oscillators
- Oscillographs
- Oscilloscopes
- Evaporators
- Flash evaporators
- Farm equipment
- Feeders
- Generators
- Electric generators
- Oscillators
- Signal generators
- Silver iodide generators
- Geophones
- Hydraulic equipment
- Hydraulic gates
- Bulkhead gates
- Coaster gates
- Drum gates
- Emergency gates
- Fixed wheel gates
- Floodgates
- Gate control
- High pressure gates
- Intake gates
- Miter gates
- Radial gates
- Roller gates
- Roller-mounted gates
- Sector gates
- Slide gates
- Sluice gates
- Spillway gates
- Stoney gates
- Turnout gates
- Wicket gates
- Hydraulic machinery
- Hydraulic turbines
- Axial flow turbines

EROSION

Equipment (Con.)

- .. Bulb turbines
- .. Francis turbines
- .. Impulse turbines
- .. Kaplan turbines
- .. Pelton turbines
- .. Reaction turbines
- .. Reversible turbines
- .. Tube turbines
- .. Hydraulic valves
- .. Butterfly valves
- .. Check valves
- .. Flap valves
- .. Gate valves
- .. Globe valves
- .. High pressure valves
- .. Hollow jet valves
- .. Needle valves
- .. Plug valves
- .. Sleeve valves
- .. Pumps
- .. Centrifugal pumps
- .. Feed pumps
- .. Jet pumps
- .. Mixed flow pumps
- .. Propeller pumps
- .. Reciprocating pumps
- .. Rotary pumps
- .. Vacuum pumps
- .. Pump turbines
- .. Deriaz pump turbine
- .. Water wheels
- .. Hydrophones
- .. Laboratory equipment
- .. Lighting equipment
- .. Maintenance equipment
- .. Measuring instruments
- .. Accelerometers
- .. Altimeters
- .. Anemometers
- .. Hot film anemometers
- .. Hot wire anemometers
- .. Calorimeters
- .. Clocks
- .. Chronometers
- .. Dynamometers
- .. Electric bridges
- .. Wheatstone bridge
- .. Evapotranspirometers
- .. Extensometers
- .. Gages
- .. Barometers
- .. Dial gages
- .. Hook gages
- .. Liquid level gages
- .. Manometers
- .. Piezometers
- .. Porous tube piezometers
- .. Precipitation gages
- .. Pressure gages
- .. Rain gages
- .. Snow gages
- .. Staff gages
- .. Strain gages
- .. Stream gages
- .. Stress gages
- .. Weir gages
- .. Galvanometers
- .. Geodimeters
- .. Gravimeters
- .. Interferometers
- .. Lysimeters
- .. Magnetometers
- .. Meters
- .. Ammeters
- .. Current meters
- .. Densimeters
- .. Flowmeters
- .. Hydrometers
- .. Inclinometers
- .. Nuclear density meters
- .. Ohmmeters
- .. Drift meters
- .. Penetrometers
- .. Potentiometers
- .. Propeller meters
- .. Salinity meters
- .. Strain meters
- .. Stress meters
- .. Tiltmeters
- .. Turbidimeters
- .. Velocity meters
- .. Venturi meters
- .. Viscometers
- .. Voltmeters
- .. Volumetric meters
- .. Water meters
- .. Wallmeters
- .. Micrometers
- .. Moisture meters

- .. Nuclear moisture meters
- .. Soil moisture meters
- .. Oscillographs
- .. Oscilloscopes
- .. Permeameters
- .. Plumblines
- .. Pressure cells
- .. Pressure measuring instruments
- .. Radiation detectors
- .. Radiation measurement
- .. Radiation measuring equipment
- .. Geiger counters
- .. Neutron counters
- .. Photometers
- .. Radiometers
- .. Scintillation counters
- .. Radiosondes
- .. Rotating meters
- .. Seismographs
- .. Sextants
- .. Slope indicators
- .. Soniscopes
- .. Spectrometers
- .. Tellurometers
- .. Tensiometers
- .. Thermocouples
- .. Thermographs
- .. Thermometers
- .. Mechanical equipment
- .. Metal detectors
- .. Obsolete equipment
- .. Office equipment
- .. Calculators
- .. Rental equipment
- .. Research equipment
- .. Sensors
- .. Infrared detectors
- .. Moisture sensors
- .. Pressure sensors
- .. Radiation detectors
- .. Temperature sensors
- .. Solar stills
- .. Test equipment
- .. Frequency analyzers
- .. Interference analyzers
- .. Test machines
- .. Wind tunnels
- .. Theodolites
- .. Vibration tables
- .. Vibrators (mechanical)
- .. Wave tanks

Erosion

- .. Accelerated erosion
- .. Bank erosion
- .. Beach erosion
- .. Channel erosion
- .. Degradation (stream)
- .. Gully erosion
- .. Mass wasting
- .. Landslides
- .. Debris avalanches
- .. Rockslides
- .. Solifluction
- .. Piping (erosion)
- .. Rill erosion
- .. Scour
- .. Sheet erosion
- .. Soil erosion
- .. Stream erosion
- .. Wind erosion

Evaluation

- .. Engineering evaluation
- .. Land appraisal
- .. Product evaluation

Evapotranspiration

- .. Potential evapotranspiration

Excavation

- .. Explosive excavation
- .. Nuclear excavation
- .. Hydraulic excavation
- .. Overexcavation
- .. Quarrying
- .. Rapid excavation
- .. Rock excavation
- .. Tunnel construction
- .. Tunneling
- .. Underwater excavation
- .. Dredging

Expansive forces

- .. Swelling pressure

Exploration

- .. Geophysical prospecting

- .. Electrical prospecting
- .. Electrical logging
- .. Electrical well logging
- .. Geothermal prospecting
- .. Gravimetric prospecting
- .. Magnetic surveys
- .. Resistivity surveys
- .. Seismic prospecting
- .. Seismic refraction

Explosions

- .. Nuclear explosions
- .. Underground explosions
- .. Underwater explosions

Explosives

- .. Charges (explosives)
- .. Nitroglycerin

F

Facilities

- .. Fish handling facilities
- .. Recreation facilities
- .. Camp sites
- .. Playgrounds
- .. Swimming pools
- .. Research facilities
- .. Test facilities
- .. Experimental farms
- .. Laboratories
- .. Field laboratories
- .. Hydraulic laboratories
- .. Mobile laboratories
- .. Shock tubes
- .. Test canals
- .. Test machines
- .. Wind tunnels
- .. Treatment facilities

Failure

- .. Bridge failure
- .. Dam failure
- .. Electric power failure
- .. Electrical faults
- .. Short circuits
- .. Failure (mechanics)
- .. Materials failure
- .. Plastic failure
- .. Shear failure
- .. Foundation failure
- .. Tunnel failure

Farms

- .. Demonstration farms
- .. Development farms
- .. Experimental farms
- .. Farm units

Fasteners

- .. Anchors
- .. Bolted anchors
- .. Mechanical fasteners
- .. Bolts
- .. Anchor bolts
- .. Rock bolts
- .. Roof bolts
- .. Dowels
- .. Nails
- .. Pins (mechanical)
- .. Screws

Feasibility

- .. Economic feasibility
- .. Financial feasibility
- .. Project feasibility
- .. Technical feasibility

Feeds

- .. Hay
- .. Silage

Fibers

- .. Fibers (plant)
- .. Glass fibers
- .. Rayon
- .. Synthetic fibers

Fillers

- .. Joint fillers

THESAURUS OF WATER RESOURCES TERMS

Fills

- .. Backfills
- .. Earthfill
- .. Hydraulic fills
- .. Landfills
- .. Rock fills
- .. Rolled fills
- .. Test fills

Films

- .. Monomolecular films
- .. Thin films

Filters

- .. Air filters
- .. Electromagnetic wave filters
- .. Fluid filters
- .. Inverted filters
- .. Membrane filters
- .. Trickling filters
- .. Well filters

Fines

- .. Clays
- .. Adobe
- .. Expansive clays
- .. Bentonite
- .. Kaolin
- .. Marine clays
- .. Organic clays
- .. Quick clays
- .. Organic silts

Finishes

- .. Coal-tar epoxy paints
- .. Enamels
- .. Lacquers
- .. Paints
- .. Varnishes

Finishing

- .. Concrete finishing

Fish control agents

- .. Fish attractants
- .. Fish repellents
- .. Fish sterilants
- .. Piscicides
- .. Rotenone

Fisheries

- .. Estuarine fisheries
- .. Lake fisheries
- .. Marine fisheries
- .. Reservoir fisheries
- .. Stream fisheries

Fishing

- .. Bail fishing
- .. Cold-water fishing
- .. Commercial fishing
- .. Electro-fishing
- .. Fly fishing
- .. Ice fishing
- .. Sport fishing
- .. Surf-casting
- .. Trawling
- .. Warm-water fishing

Fittings

- .. Compression fittings
- .. Hose fittings
- .. Pipe fittings

Flooding

- .. Flood irrigation

Floods

- .. Annual floods
- .. Design flood
- .. Flash flood
- .. Historic flood
- .. Maximum probable flood
- .. Peak floods
- .. Regional flood
- .. Sheet floods
- .. Spillway design flood

Fluids

- .. Gases
- .. Air
- .. Compressed air
- .. Entrapped air
- .. Coal gas
- .. Dissolved gases
- .. Dissolved oxygen
- .. Inert gases

HIERARCHICAL INDEX

Fluids (Con.)

- . Natural gas
- . Soil gases
- . Vapors
- . . . Precipitable water
- . . . Water vapor
- . Oils
- . . Fuel oil
- . . Insulating oil
- . . Linseed oil
- . . Transformer oils
- . Water
- . . Adsorbed water
- . . Brackish water
- . . Brines
- . . Capillary water
- . . Connate water
- . . Cooling water
- . . Excess water (soils)
- . . Feed water
- . . Fresh water
- . . Fringe water
- . . Gravitational water
- . . Groundwater
- . . . Artesian water
- . . . Confined water
- . . . Malenclaves
- . . . Perched water
- . . . Percolating water
- . . . Saline groundwater
- . . . Underflow
- . . Heavy water
- . . Hygroscopic water
- . . Industrial water
- . . Irrigation water
- . . . Return flow
- . . Juvenile water
- . . Lakes
- . . Melt water
- . . Mine water
- . . . Acid mine water
- . . Municipal water
- . . Phreatic water
- . . Potable water
- . . Reclaimed water
- . . Saline water
- . . Sea water
- . . Snowmelt
- . . Soil water
- . . Supplemental water
- . . Surface waters
- . . . Gulls
- . . . Lakes
- . . . Natural streams
- . . . Oceans
- . . . Ponds
- . . . Rivers
- . . Vadose water
- . . Waste water

Forecasting

- . Economic prediction
- . Flood forecasting
- . River forecasting
- . Runoff forecasting
- . Streamflow forecasting
- . Water supply forecasting
- . Weather forecasting

Foreign trade

- . Export
- . Import

Forests

- . Coniferous forests
- . Deciduous forests
- . Mixed forests
- . Mountain forests
- . National forests
- . Rain forests

Formal logic

- . Mathematical logic
- . . Algorithms
- . Methodology
- . . Critical path method
- . . Least squares method
- . . Monte Carlo method
- . . Procedures
- . . Relaxation method
- . . Scientific method
- . Reasoning

Formulas

- . Kutter formula
- . Pile-driving formulas
- . Rational formula

Formwork (construction)

- . Slip forms

Fossil fuels

- . Coal
- . Fuel oil
- . Lignite

Foundations

- . Bridge foundations
- . Dam foundations
- . Flexible foundations
- . Footings
- . . Auger-type footings
- . . Belled footings
- . . Grillage footings
- . . Pad footings
- . . Pressed plate footings
- . . Spread footings
- . . Uplift footings
- . Pile foundations
- . Rigid foundations
- . Rock foundations
- . Spread foundations
- . Underwater foundations

Fractures

- . Brittle fractures

Frames

- . Continuous frames
- . Rigid frames
- . Space frames

Freezing

- . Flash freezing

Frequency

- . High frequency
- . Low frequency
- . Natural frequency

Furnaces

- . Blast furnaces
- . Kilns

G

Gates

- . Hydraulic gates
- . . Bulkhead gates
- . . Coaster gates
- . . Drum gates
- . . Emergency gates
- . . Fixed wheel gates
- . . Floodgates
- . . High pressure gates
- . . Intake gates
- . . Miter gates
- . . Radial gates
- . . Roller gates
- . . Roller-mounted gates
- . . Sector gates
- . . Slide gates
- . . Sluice gates
- . . Spillway gates
- . . Stoney gates
- . . Turnout gates
- . . Wicket gates
- . Metergates

Genetics

- . Fish genetics

Geologic deposits

- . Alluvial deposits
- . . Moraines
- . . Sand bars
- . . Terrace deposits
- . Alluvium
- . Colluvium
- . . Talus
- . . Detritus
- . Glacial deposits
- . . Glacial soils
- . . Moraines
- . Rock flour

Geologic structures

- . Faults (geology)
- . Fissures (geology)
- . Folds (geology)
- . Foliation
- . Joints (geology)
- . Varves

Geologic time

- . Cenozoic era
- . . Quaternary period
- . . . Pleistocene epoch
- . . . Recent epoch
- . Tertiary period
- . Mesozoic era
- . Paleozoic era
- . Precambrian eras

Geometric shapes

- . Circles (geometry)
- . . Stress circle
- . . Mohr circle
- . Cones (mathematics)
- . Curves
- . . Area capacity curves
- . . Compression curves
- . . Draft storage curves
- . . Drawdown curves
- . . Flow duration curves
- . . Frequency curves
- . . Helixes
- . . Horizontal curves
- . . Mass curves
- . . Proctor curves
- . . Stress-strain curves
- . Disks (shapes)
- . Prisms
- . Spheres
- . Spirals

Governments

- . Federal government
- . Local governments
- . State governments
- . United States government

Gradients

- . Energy gradient
- . Hydraulic gradient
- . Thermal gradient

Groundwater sources

- . Influent streams
- . Precipitation (atmospheric)
- . . Antecedent precipitation
- . . Drizzle
- . . Effective precipitation
- . . Excessive precipitation
- . . Hail
- . . Induced precipitation
- . . Orographic precipitation
- . . Precipitation excess
- . . Probable maximum precipitation
- . . Rain
- . . Sleet
- . . Snow
- . . . Fern
- . . Graupel

Grouting

- . Blanket grouting

Growth

- . Crystal growth
- . Economic growth
- . Plant growth
- . Vegetation regrowth
- . Weed growth

Growth stages

- . Ammocetes
- . Diapause
- . Eggs
- . . Bird eggs
- . . Fish eggs
- . . Insect eggs
- . Embryonic growth stage
- . Immature growth stage
- . Juvenile growth stage
- . Larval growth stage
- . Mature growth stage
- . Sexual maturity

H

Hammers

- . Chipping hammers

Hardening

- . Strain hardening

INDUSTRIAL PLANTS

Harvesting

- . Water harvesting

Hazards

- . Radiation hazards

Head (fluid mechanics)

- . High head
- . Low head
- . Power head
- . Pressure head
- . Velocity head

Health

- . Public health

Heat resistant alloys

- . Molybdenum alloys
- . Niobium alloys
- . Titanium alloys
- . Tungsten alloys

Heaving

- . Frost heaving

Hosts

- . Intermediate hosts

Hot winds

- . Chinook

Hydrographs

- . Flood hydrographs
- . Unit hydrographs

Hydrologic aspects

- . Extraterrestrial hydrology
- . Hydrography
- . Paleolimnology
- . Parametric hydrology
- . Synthetic hydrology

Hydrology

- . Flood hydrology
- . Groundwater hydrology
- . Paleohydrology
- . Parametric hydrology

Ice

- . Anchor ice
- . Floating ice
- . Frazil ice
- . Hail
- . Icebergs
- . Lake ice
- . Rime
- . Sea ice

Income

- . Adjusted income
- . Average income
- . Gross income
- . Incremental income
- . Marginal income
- . National income
- . Net income
- . Real income

Indexes (Ratios)

- . Cost indexes

Indexing

- . Coordinate indexing

Indicators

- . Bioindicators
- . Tiltmeters

Industrial plants

- . Canneries
- . Mills
- . . Ball mills
- . . Rod mills
- . . Saw mills
- . Powerplants
- . . Electric powerplants
- . . . Dual-purpose nuclear plants
- . . . Hydroelectric powerplants

INDUSTRIES

Industrial plants (Con.)

- . . . Nuclear powerplants
- . . . Thermal powerplants
- . . . Tidal powerplants
- . . . Geothermal powerplants
- . . . Underground powerplants
- . Pumping plants

Industries

- . Commercial fishing
- . Dairy industry
- . Electrical industry
- . Electric power industry
- . Lumbering
- . Mineral industry
- . Oil industry
- . Pulp and paper industry
- . Steel industries

Information

- . Experimental data
- . Field data
- . Mathematical tables
- . Meteorological data
- . Tables (data)

Input-output analysis

- . Leoniet models

Inspection

- . Radiographic inspection
- . X-ray inspection

Installation

- . Equipment installation

Instruction

- . Programmed instruction

Instrumentation

- . Accelerometers
- . Altimeters
- . Ammeters
- . Anemometers
- . Altimeters
- . Balloons
- . Barometers
- . Bathymographs
- . Bouyous blocks
- . Colorimeters
- . Cameras
- . . . Borehole cameras
- . . . Drill hole TV cameras
- . Chromometers
- . Clocks
- . Current meters
- . Dial gages
- . Dissolved oxygen analyzers
- . Drift bottles
- . Drill monitors
- . Dynamometers
- . Electric bridges
- . Evaporation pans
- . Evapotranspirometers
- . Extensometers
- . Fathometers
- . Flowmeters
- . Gages
- . Galvanometers
- . Geiger counters
- . Gephimeters
- . Geophones
- . Gravimeters
- . Gyroscopes
- . Hot film anemometers
- . Hot wire anemometers
- . Hydrologic instruments
- . . . Hook gages
- . . . Liquid level gages
- . . . Manometers
- . . . Precipitation gages
- . . . Pressure gages
- . . . Rain gages
- . . . Snow gages
- . . . Snow samplers
- . . . Staff gages
- . . . Stream gages
- . . . Water meters
- . . . Weir gages
- . Hydrometers
- . Hydrophones
- . Inclinometers
- . Infiltrimeters
- . Infrared detectors
- . Lysimeters
- . Magnetometers
- . Measuring instruments
- . Metal detectors
- . Meters
- . Micrometers
- . Moisture meters

- . . . Nuclear moisture meters
- . . . Soil moisture meters
- . Moisture sensors
- . Nansen bottles
- . Neutron counters
- . Nuclear density meters
- . Nuclear meters
- . Ohmmeters
- . Optical instruments
- . . . Collimators
- . . . Interferometers
- . . . Microscopes
- . . . Polariscopes
- . . . Sextants
- . . . Stereoscopes
- . . . Theodolites
- . Orifice meters
- . Oscillographs
- . Oscilloscopes
- . Penetrometers
- . Permeameters
- . Photometers
- . Phytometers
- . Piezometers
- . Pitot spheres
- . Pitot tubes
- . Plumbines
- . Porous tube piezometers
- . Potentiometers
- . Pressure gages
- . Pressure measuring instruments
- . Pressure sensors
- . Radiation detectors
- . Radiation measuring equipment
- . Radiometers
- . Radiosondes
- . Receivers
- . Recording systems
- . . . Depth recorders
- . Repeaters (communications)
- . Rotating meters
- . Sahmily meters
- . Scintillation counters
- . Seismographs
- . Soil density probes
- . Soniscopes
- . Spectrometers
- . Strain meters
- . Stress meters
- . Surveying instruments
- . Tellurometers
- . Temperature sensors
- . Tensiometers
- . Thermogalvanic cells
- . Thermometers
- . Tiltmeters
- . Transmitters
- . Turbidimeters
- . Velocity meters
- . Venturi meters
- . Voltmeters
- . Volumetric meters
- . Water stage recorders
- . Wattmeters
- . Wheatstone bridge

Insulation

- . Acoustic insulation
- . Electrical insulation
- . Mechanical insulation
- . Thermal insulation

Insurance

- . Flood plain insurance

Intensity

- . Rainfall intensity

Interconnected systems

- . Power grids

Interference

- . Atmospheric
- . Radio interference

Internal combustion engines

- . Diesel engines

Inverters

- . Rectifiers

Investigations

- . Field investigations
- . . . Field tests
- . . . Field permeability tests
- . . . Foundation bearing tests
- . . . In situ tests
- . . . Jacking tests
- . . . Permeability tests

- . . . Plate load tests
- . . . Poring tests
- . Foundation investigations
- . Geologic investigations
- . . . Petrographic investigations
- . Preliminary investigations
- . Seismic investigations
- . Soil investigations
- . Subsurface investigations

Ions

- . Anions
- . Cations
- . Protons

Ion transport

- . Ion diffusion

Irrigation

- . Irrigation systems
- . . . Buried irrigation systems
- . . . Distribution systems
- . . . Gravity irrigation
- . . . Mist irrigation
- . . . Recirculating irrigation system
- . . . Sprinkler irrigation
- . . . Subsurface irrigation
- . . . Mole irrigation
- . . . Surface irrigation
- . . . Border irrigation
- . . . Flood irrigation
- . . . Furrow irrigation
- . . . Trickle irrigation
- . Supplemental irrigation

Irrigation practices

- . Supplemental irrigation

Isotopes

- . Deuterium
- . Radioisotopes
- . . . Arsenic radioisotopes
- . . . Cadmium Radioisotopes
- . . . Carbon radioisotopes
- . . . Chlorine Radioisotopes
- . . . Cobalt radioisotopes
- . . . Gold radioisotopes
- . . . Iodine radioisotopes
- . . . Lead radioisotopes
- . . . Phosphorus radioisotopes
- . . . Plutonium radioisotopes
- . . . Potassium radioisotopes
- . . . Radium radioisotopes
- . . . Sodium radioisotopes
- . . . Strontium radioisotopes
- . . . Thallium radioisotopes
- . . . Tritium
- . . . Uranium radioisotopes
- . . . Zinc radioisotopes
- . Stable isotopes

J

Jacks (mechanical)

- . Hydraulic jacks

Joints (connections)

- . Bolted joints
- . Bull joints
- . Circumferential joints
- . Construction joints
- . Contraction joints
- . Expansion joints
- . Horizontal joints
- . Lap joints
- . Longitudinal joints
- . Pin connected joints
- . Pipe joints
- . Riveted joints
- . Tapered joints
- . Transverse joints
- . Universal joints
- . Vertical joints
- . Welded joints

Jurisdiction

- . Federal jurisdiction
- . State jurisdiction

K

Kinetics

- . Pesticide kinetics

L

Land

- . Arable land
- . Arid lands
- . Deserts
- . Grasslands
- . Grazing land
- . Irrigable land
- . Irrigated land
- . Islands
- . . . Hawaii
- . Public land
- . . . Federal reservations
- . . . Indian reservations
- . . . Military reservations
- . . . National battlefields
- . . . National forests
- . . . National historic parks
- . . . National historic sites
- . . . National lakeshores
- . . . National memorials
- . . . National monuments
- . . . National parks
- . . . National recreation areas
- . . . National seashores
- . . . Withdrawn lands
- . Semiarid land

Land forming

- . Bench leveling
- . Terracing

Land forms

- . Alluvial deposits
- . Arroyos
- . Atolls
- . Basins
- . . . Closed basins
- . . . Drainage basins
- . . . Lake basins
- . . . Sedimentary basins (geological)
- . . . Spreading basins
- . Bayous
- . Bays (topographic features)
- . Beaches
- . . . Ocean beaches
- . Bogs
- . . . Peat bog
- . Canyons
- . Caves
- . Cirques
- . Coastal plains
- . Coasts
- . Continental margin
- . Continental shelf
- . Continental slope
- . Deltas
- . Dunes
- . Estuaries
- . Fjords
- . Gulls
- . Gullies
- . Inlets (waterways)
- . Islands
- . Lagoons (ponds)
- . Lakes
- . Lake shores
- . Marshes
- . . . Coastal marshes
- . . . Freshwater marshes
- . . . Salt marshes
- . . . Tidal marshes
- . Moraines
- . Mountains
- . Mud flats
- . Oceans
- . Playas
- . Ponds
- . Ravines
- . Reefs
- . River basins

HIERARCHICAL INDEX

Land forms (Con.)

- . River beds
- . Rivers
- . Saline lakes
- . Sand bars
- . Sand spits
- . Shores
- . . Lake shores
- . . Seashores
- . Sinkholes
- . Streambeds
- . Swamps
- . Terrace deposits
- . Terraces (geological)
- . Valleys
- . . Stream valley
- . Volcanoes

Languages

- . Programming languages

Leakage

- . Reservoir leakage

Legal aspects

- . International law
- . Law of the sea
- . Natural flow doctrine
- . Public rights

Licenses

- . Irrigation permits
- . Water permits
- . Well permits

Life cycles

- . Dapause

Limnology

- . Paleolimnology

Linings

- . Canal linings
- . Concrete linings
- . Earth linings
- . Flexible linings
- . Impervious linings
- . Pervious linings
- . Rigid linings
- . Steel linings
- . Tunnel linings

Liquefaction

- . Soil liquefaction

Loads (forces)

- . Anal loads
- . . Biaxial loads
- . . Triaxial loads
- . Cyclic loads
- . Dead loads
- . Dynamic loads
- . Earthquake loads
- . Horizontal loads
- . Ice loads
- . Impact loads
- . Live loads
- . Pile lateral loads
- . Radial loads
- . Total loads
- . Ultimate loads
- . Vertical loads

Logging (recording)

- . Electrical logging
- . Geophysical logging
- . Well logging
- . . Electrical well logging
- . . Radioactive well logging

Losses

- . Diversion losses
- . Electric corona losses
- . Electric power losses
- . Energy losses
- . Head losses
- . Riparian water loss
- . Seepage losses
- . Tee losses
- . Water loss
- . Weight loss

Luminescence

- . Bioluminescence
- . Fluorescence
- . . X-ray fluorescence

M

Machines

- . Hydraulic machinery
- . . Hydraulic turbines
- . . Pumps
- . . Pump turbines
- . Test machines
- . Tunneling machines
- . Vibrators (mechanical)

Machine tools

- . Augers
- . Boring machines
- . Drilling equipment
- . Grinders
- . Lathes
- . Milling machines

Magnetic materials

- . Ferrites

Magnets

- . Electromagnets

Maintenance

- . Preventive maintenance
- . Repairing

Management

- . Construction management
- . Cutting management
- . Farm management
- . Fish management
- . Forest management
- . Land management
- . . Cultivation
- . . . Contour farming
- . . . Deep tillage
- . . Fallowing
- . . Strip cropping
- . Marsh management
- . Pasture management
- . Personnel management
- . Planting management
- . Range management
- . Soil management
- . Water management (applied)
- . . Artificial recharge
- . . . Induced infiltration
- . . . Pit recharge
- . . Flood routing
- . . Groundwater management
- . . Snow management
- . . Watershed management
- . . Water spreading
- . . Water resources management
- . Wildlife management

Mapping

- . Geologic mapping
- . Subsurface mapping
- . Topographic mapping

Maps

- . Geologic maps
- . Soil maps
- . Weather maps

Marine borers

- . Teredos

Marketing

- . Power marketing

Masonry

- . Brick masonry
- . Clay masonry
- . Concrete masonry
- . Rubble masonry

Materials

- . Building materials
- . . Bricks
- . . Ceramic materials
- . . Coal-tar epoxy paints
- . . Composite materials
- . . Enamels
- . . Fiberboards
- . . Foam rubber
- . . Glass
- . . Glass reinforced plastics
- . . Lacquers

- . Laminated glass
- . Laminated plastics
- . Laminated wood
- . Laminates
- . Lumber
- . Marble
- . Mortars
- . . Epoxy mortar
- . Nails
- . Paints
- . Plaster
- . Plastics
- . Reinforced plastics
- . Roofing materials
- . Rubber
- . Stones
- . Synthetic rubber
- . Tiles
- . Timbers
- . Varnishes
- . Cast iron
- . Concretes
- . . Architectural concrete
- . . Asbestos Cement
- . . Bituminous concretes
- . . Cyclopean concrete
- . . Dry pack mortar
- . . Expansive concrete
- . . High strength concretes
- . . Lightweight concretes
- . . Mass concrete
- . . Polymer concretes
- . . Precast concrete
- . . Prepacked concrete
- . . Prestressed concrete
- . . Pumped concrete
- . . Reinforced concrete
- . . Shotcrete
- . . Structural concrete
- . . Tremie concrete
- . . Vacuum concrete
- . Construction materials
- . . Aggregates
- . . . Coarse aggregates
- . . . Fine aggregates
- . . . Lightweight aggregates
- . . . Soil aggregates
- . . Asphalts
- . . Bedding materials
- . . Borrow materials
- . . Crushed stone
- . . Drain tiles
- . . Lime
- . . Lumber
- . . Mastics
- . . Reinforcing materials
- . . . High-bond reinforcing bars
- . . . Mesh reinforcement
- . . . Reinforcing steels
- . . Riprap
- . . Soil asphalt
- . . Soil cement
- . . Deleterious materials
- . . Earth materials
- . . . Acidic soils
- . . . Gray-brown podzolic soils
- . . . Podzols
- . . . Red podzolic soils
- . . . Yellow podzolic soils
- . . Adobe
- . . Aeolian soils
- . . . Loess
- . . . Alkaline soils
- . . . Alkali soils
- . . . Brown soils
- . . . Calcareous soils
- . . . Caliche
- . . . Chestnut soils
- . . . Prairie soils
- . . . Sierozems
- . . . Anaerobic soils
- . . . Aquatic soils
- . . . Beach sands
- . . . Boulders
- . . . Clays
- . . . Bentonite
- . . . Expansive clays
- . . . Kaolin
- . . . Marine clays
- . . . Organic clays
- . . . Quick clays
- . . . Cobbles
- . . . Cohesionless soils
- . . . Cohesive soils
- . . . Colluvium
- . . . Talus
- . . . Compacted soils
- . . . Compressible soils
- . . . Dehnial soils

MEMBRANES

- . Diatomaceous earth
- . . Dune sands
- . . Expansive soils
- . . Finegrained soils
- . . Frozen soils
- . . . Permafrost
- . . . Galcial soils
- . . Gravels
- . . Gumbo
- . . Impervious soils
- . . Lacustrine deposits
- . . Lake soils
- . . Laterites
- . . Loams
- . . . Clay loam
- . . . Silty loams
- . . Loose soils
- . . Marl
- . . Mud
- . . . Organic silts
- . . . Organic soils
- . . . Pea gravel
- . . . Pent
- . . . Pervious soils
- . . . Preconsolidated soils
- . . . Pumice
- . . . Quicksand
- . . . Residual soils
- . . . Rock flour
- . . . Sands
- . . . Saturated soils
- . . . Silts
- . . . Soils
- . . . Subsoil
- . . . Topsoil
- . . . Unconsolidated soils
- . . . Undisturbed soils
- . . . Unsaturated soils
- . . . Volcanic ash
- . . Granular materials
- . . Iron
- . . Metals
- . . Pit run materials
- . . Porous materials
- . . Selected materials
- . . Steel
- . . . Carbon steels
- . . . Cast steel
- . . . Cold-rolled steel
- . . . High strength steels
- . . . Low alloy steels
- . . . Low carbon steel
- . . . Prestressed steel
- . . . Stainless steel
- . . . Structural steel
- . . . Wood
- . . . Hardwood
- . . . Laminated wood
- . . . Plywoods
- . . . Softwood

Materials handling equipment

- . Belt conveyors
- . Conveyors
- . Cranes (Hoists)
- . Hoisting machinery
- . Loaders
- . Overhead cranes

Mathematical studies

- . Calculus
- . Correlation analysis
- . Differential equations
- . Finite difference method
- . Finite element method
- . Fourier analysis
- . Least squares method
- . Leontief models
- . Markov processes
- . Mathematical analysis
- . Multiple regression
- . Numerical analysis
- . Optimization
- . Regression analysis

Measurement

- . Discharge measurement
- . Flow measurement
- . Metering
- . Strain measurement
- . Water measurement
- . . California pipe method
- . . Chemical dilution method
- . . Gibson method
- . . Miners inch
- . . Salt velocity method

Membranes

- . Asphalt membranes

METABOLISM

Membranes (Con.)

- . Biological membranes
- . Buried membranes
- . Imperious membranes
- . Permeable membranes
- . Pervious membranes
- . Semipermeable membranes

Metabolism

- . Animal metabolism

Metalwork

- . Buried metalwork
- . Embedded metal

Meteorological instruments

- . Anemometers
- . Barometers
- . Rain gages
- . Snow gages

Meteorology

- . Atmospheric physics
- . Cloud physics
- . Hydrometeorology
- . Micrometeorology

Microbiology

- . Aquatic microbiology
- . Soil microbiology

Microorganisms

- . Aquatic fungi
- . Aquatic microorganisms
- . Bacteria
 - . Acid bacteria
 - . Actinomycetes
 - . Aerobic bacteria
 - . Anaerobic bacteria
 - . Aquatic bacteria
 - . Azotobacter
 - . Beggiatoa
 - . Clostridium
 - . Coliforms
 - . E. coli
 - . Enteric bacteria
 - . Ferrobacillus
 - . Iron bacteria
 - . Lactobacillus
 - . Marine bacteria
 - . Methane bacteria
 - . Mycobacterium
 - . Myxobacteria
 - . Nitrogen fixing bacteria
 - . Pathogenic bacteria
 - . Photosynthetic bacteria
 - . Pseudomonas
 - . Salmonella
 - . Sewage bacteria
 - . Shigella
 - . Soil bacteria
 - . Sphaerotilus
 - . Streptococcus
 - . Sulfate reducing bacteria
 - . Thermophilic bacteria
 - . Thiobacillus ferrooxidans
- . Bacteriophage
- . Dinoflagellates
- . Euglena
- . Euglenophyta
- . Marine fungi
- . Marine microorganisms
- . Molds
- . Nannoplankton
- . Ochromonas
- . Pathogenic fungi
- . Plant viruses
- . Protozoa
- . Rhodophyta
- . Rotifers
- . Soil algae
- . Soil fungi
- . Soil microorganisms
- . Verticillium
- . Viruses
- . Yeasts

Migration

- . Diel migration
- . Fish migration
- . Vertical migration

Minerals

- . Anhydrite
- . Carbonate minerals
- . Calcite
- . Dolomite
- . Travertine
- . Clay minerals
- . Beidellite

- . Bentonite
- . Illite
- . Kaolinite
- . Montmorillonite
- . Vermiculite
- . Diamonds
- . Feldspars
- . Graphite
- . Gypsum
- . Mica
- . Perlite
- . Pyrite
- . Quartz
- . Serpentine
- . Talc
- . Zeolites

Mines

- . Coal mines
- . Quarries

Mining

- . Drift mining
- . Groundwater mining
- . Hydraulic mining
- . Open pit mining
- . Panning
- . Placer mining
- . Quarrying

Mixtures

- . Lime soil mixtures
- . Slurries

Models

- . Analog models
- . Resistance networks
- . Computer models
- . Hydraulic models
- . Fixed-bed models
- . Movable bed models
- . Hydrologic models
- . Aquifer model
- . Mathematical models
- . Statistical models
- . Stochastic models
- . Structural models

Model studies

- . Analog models
- . Aquifer model
- . Computer models
- . Fixed-bed models
- . Hydraulic models
- . Hydrologic models
- . Leontief models
- . Movable bed models
- . Resistance networks
- . Statistical models

Modulation

- . Amplitude modulation
- . Frequency modulation

Moisture

- . Adsorbed water
- . Capillary water
- . Fringe water
- . Humidity
- . Hygroscopic water
- . Precipitable water
- . Precipitation (atmospheric)
- . Soil moisture
- . Excess water (soils)
- . Subsurface moisture
- . Water vapor

Moisture content

- . Humidity
- . Optimum moisture content

Moments

- . Bending moments
- . Moments of inertia

Morphology

- . Fluvial morphology
- . Geomorphology
- . Glacial geology
- . Glaciation
- . Moraines
- . Lake morphology

Motors

- . Electric motors
- . Induction motors

Motor vehicles

- . Automobiles

Movement

- . Circulation
 - . Air circulation
 - . Circulation (animals)
 - . Circulation (plants)
 - . Convection
 - . Ocean circulation
 - . Water circulation
- . Earth movements
 - . Debris avalanches
 - . Landslides
 - . Rockslides
- . Flow
 - . Average flow
 - . Axial flow
 - . Base flow
 - . Capillary action
 - . Channel flow
 - . Open channel flow
 - . Closed conduit flow
 - . Converging flow
 - . Density flow
 - . Design flow
 - . Flow around objects
 - . Fluid flow
 - . Compressible flow
 - . Critical flow
 - . Incompressible flow
 - . Laminar flow
 - . Low flow
 - . Natural flow
 - . Newtonian flow
 - . Non-Newtonian flow
 - . Orifice flow
 - . Overland flow
 - . Pipe flow
 - . Return flow
 - . River flow
 - . Streamflow
 - . Subcritical flow
 - . Supercritical flow
 - . Transient flow
 - . Gradually varied flow
 - . Groundwater flow
 - . Groundwater movement
 - . Non-uniform flow
 - . Percolation
 - . Porous media flow
 - . Potential flow
 - . Pulsating flow
 - . Regulated flow
 - . River currents
 - . Rotational flow
 - . Saturated flow
 - . Sheet flow
 - . Soil water movement
 - . Steady flow
 - . Stratified flow
 - . Subsonic flow
 - . Subsurface flow
 - . Supersonic flow
 - . Transition flow
 - . Turbidity currents
 - . Turbulent flow
 - . Two-phase flow
 - . Uniform flow
 - . Unsaturated flow
 - . Unsteady flow
 - . Viscous flow
 - . Sliding
 - . Skipping

Mulching

- . Stubble mulching
- . Vertical mulching

National defense

- . Civil defense

Nets

- . Fyke nets
- . Gill nets
- . Plankton nets
- . Triangulation nets

Networks

- . Electric networks
- . Resistance networks

THESAURUS OF WATER RESOURCES TERMS

Nuclear reactions

- . Nuclear fission
- . Radioactive decay

Nuclei

- . Alpha particles

Nutrients

- . Algal nutrients
- . Cycling nutrients
- . Deficient nutrients
- . Essential nutrients

Obsolescence

- . Engineering obsolescence

Operation and maintenance

- . Irrigation operation & maintenance
- . Power operation & maintenance

Operations

- . Power system operations
- . Reservoir operation

Operations research

- . Critical path method
- . Dynamic programming
- . Game theory
- . Linear programming
- . PERT
- . Queuing theory

Optical measurement

- . Colorimetry
- . Flame photometry
- . Photometry
- . Spectrophotometry

Organic matter

- . Coal
- . Decomposing organic matter
- . Humus
- . Lignite
- . Peat

Organizations

- . Administrative agencies
- . Cooperatives
- . Federal agencies
- . Institutions
- . Labor unions
- . Professional societies
- . Scientific societies
- . Technical societies
- . Trade associations

Organoleptic properties

- . Odor
- . Taste

Orifices

- . Submerged orifices

Outlets

- . Multilevel outlets

Oxygen demand

- . Biochemical oxygen demand
- . Chemical oxygen demand

Parasites

- . Animal parasites
- . Bacteria
- . Fish parasites
- . Fungi
 - . Aquatic fungi
 - . Marine fungi
 - . Molds
 - . Pathogenic fungi
- . Soil fungi
- . Verticillium

HIERARCHICAL INDEX

Parasites (Con.)

- . Yeasts
- . Trematodes

Parks

- . National historic parks
- . National parks

Pathology

- . Animal pathology
- . Epiphytology
- . Human pathology
- . Parasitism
- . Plant pathology

Pavements

- . Flexible pavements
- . Rigid pavements
- . Concrete pavements

Payment

- . Cost repayment

Pedalfers

- . Laterites
- . Podzols
- . Gray-brown podzolic soils
- . Red podzolic soils
- . Yellow podzolic soils
- . Prairie soils

Penetration

- . Light penetration

Periodic variations

- . Diurnal variations
- . Seasonal variations
- . Tides
- . Waves
- . Electromagnetic waves
- . Ambient light
- . Gamma rays
- . Infrared radiation
- . Light
- . Microwaves
- . Radio waves
- . Ultraviolet radiation
- . X-rays
- . Flood waves
- . Light waves
- . Mechanical waves
- . Bores (wave)
- . Cavitation noise
- . Elastic waves
- . Longitudinal waves
- . Microseisms
- . Noise (sound)
- . Ocean waves
- . Rock noise
- . Roll waves
- . Sound waves
- . Waves (water)
- . Seismic waves
- . Shear waves
- . Shock waves
- . Solitary waves
- . Standing waves
- . Stress waves
- . Surge waves
- . Translatory waves
- . Transverse waves
- . Tsunamis

Permits

- . Irrigation permits
- . Water permits
- . Well permits

Personnel

- . Executives
- . Government employees
- . Maintenance personnel
- . Professional personnel
- . Architects
- . Consulting engineers
- . Designers
- . Engineering personnel
- . Scientific personnel
- . Technologists

Photographic equipment

- . Borehole cameras
- . Cameras
- . Drill hole TV camera

Photographs

- . Motion pictures

Photography

- . Aerial photography

- . Color photography
- . High speed photography
- . Infrared photography
- . Microphotography
- . Microfilm

Piers

- . Baffle piers
- . Bell piers
- . Bridge piers
- . Spitway piers

Pigments

- . Chlorophyll
- . Plant pigments

Pile driving

- . Sonic pile driving
- . Vibratory pile driving

Piles (foundations)

- . Batter piles
- . Bearing piles
- . Bored piles
- . Cast-in-place piles
- . Concrete piles
- . Friction piles
- . Sheet piling
- . Steel piles
- . Test piles
- . Wooden piles

Pits

- . Gravel pits
- . Sand pits
- . Test pits

Placing

- . Concrete placing

Planning

- . City planning
- . Future planning (projected)
- . Long-term planning
- . Management planning
- . Production planning
- . Project planning
- . Short-term planning

Plants (botany)

- . Acid bacteria
- . Actinomycetes
- . Aerobic bacteria
- . Algae
- . Aquatic algae
- . Chara
- . Chlamydomonas
- . Chlorella
- . Chlorophyta
- . Chrysophyta
- . Cyanophyta
- . Diatoms
- . Dinoflagellates
- . Euglena
- . Euglenophyta
- . Marine algae
- . Nuisance algae
- . Ochromonas
- . Odor-producing algae
- . Phaeophyta
- . Pyrrophyta
- . Rhodophyta
- . Scenedesmus
- . Sessile algae
- . Soil algae
- . Taste-producing algae
- . Amphibious plants
- . Anaerobic bacteria
- . Aquatic bacteria
- . Aquatic fungi
- . Aquatic plants
- . Azotobacter
- . Bacteria
- . Beggiatoa
- . Benthic flora
- . Brush
- . Chaparral
- . Mesquite
- . Rabbitbush
- . Sagebrush
- . Seepwillow
- . Tamarisk
- . Bulrush
- . Cacti
- . Cattails
- . Clostridium
- . Clubmoss
- . Coliforms

Conifers

- . Crops
- . Agronomic crops
- . Cotton
- . Hay
- . Oilseed crops
- . Sugarcane
- . Sugar crops
- . Tobacco
- . Catch crops
- . Cereal crops
- . Cover crops
- . Fiber crops
- . Field crops
- . Food and cover crops
- . Horticultural crops
- . Industrial crops
- . Nuts
- . Specially crops
- . Standing crop
- . Desert plants
- . Dicots
- . E. coli
- . Enteric bacteria
- . Ferns
- . Ferrobacillus
- . Floating plants
- . Forages
- . Forage mixtures
- . Fruit crops
- . Apples
- . Blueberries
- . Citrus fruits
- . Cranberries
- . Dates
- . Grapefruit
- . Lemons
- . Limes
- . Macadamia
- . Melons
- . Oranges
- . Peaches
- . Peanuts
- . Pecans
- . Pome fruits
- . Soybeans
- . Stone fruits
- . Strawberries
- . Sugar beets
- . Tropical fruits
- . Vine crops
- . Fungi
- . Grasses
- . Bahiagrass
- . Barley
- . Bermudagrass
- . Bluegrasses
- . Bromegrass
- . Cereal crops
- . Coastal bermudagrass
- . Corn (field)
- . Dallisgrass
- . Ditch grass
- . Fescues
- . Forage grasses
- . Grama grasses
- . Johnsongrass
- . Kentucky bluegrass
- . Merion bluegrass
- . Oats
- . Orchardgrass
- . Perennial ryegrass
- . Popcorn
- . Range grasses
- . Reeds
- . Rice
- . Sorghum
- . Sundangrass
- . Switchgrass
- . Turl grasses
- . Wheat
- . Wheatgrasses
- . Widgeon grass
- . Wild rice
- . Gymnosperms
- . Halophytes
- . Lactobacillus
- . Legumes
- . Alfalfa
- . Alsike clover
- . Clovers
- . Crimson clover
- . Forage legumes
- . Ladino clover
- . Lespedeza
- . Red clover
- . Vetch
- . White clover
- . Lichens

Marine bacteria

- . Marine fungi
- . Marine plants
- . Marsh plants
- . Methane bacteria
- . Molds
- . Monocots
- . Mosses
- . Mycobacterium
- . Mycobacteria
- . Nannoplankton
- . Orchards
- . Ornamentals
- . Lilac
- . Snapdragons
- . Pathogenic bacteria
- . Pathogenic fungi
- . Photosynthetic bacteria
- . Phreatophytes
- . Phytoplankton
- . Poisonous plants
- . Pseudomonas
- . Rooted aquatic plants
- . Salmonella
- . Sewage bacteria
- . Shigella
- . Shrubs
- . Soil bacteria
- . Soil fungi
- . Sphaerotilus
- . Streptococcus
- . Submerged plants
- . Thermophilic bacteria
- . Thiobacillus ferrooxidans
- . Trees
- . Ash trees
- . Balsam fir trees
- . Birch trees
- . Black locust trees
- . Bristlecone pine trees
- . Coniferous trees
- . Cottonwoods
- . Deciduous trees
- . Douglas fir trees
- . Fir trees
- . Grand fir trees
- . Hemlock trees
- . Hickory trees
- . Jack pine trees
- . Juniper trees
- . Loblolly pine trees
- . Lodgepole pine trees
- . Maple trees
- . Noble fir trees
- . Oak trees
- . Pacific silver fir trees
- . Pine trees
- . Pinyon pine trees
- . Ponderosa pine trees
- . Red fir trees
- . Red pine trees
- . Scotch pine trees
- . Sycamore trees
- . White cedar trees
- . White fir trees
- . White pine trees
- . Willow trees
- . Yellow pine trees
- . Vegetable crops
- . Asparagus
- . Beans
- . Carrots
- . Lettuce
- . Onions
- . Potatoes
- . Sweet corn
- . Sweet potatoes
- . Tomatoes
- . Verticillium
- . Water hyacinth
- . Weeds
- . Alligatorweed
- . Aquatic weeds
- . Floating weeds
- . Halogelon
- . Pondweeds
- . Sago pondweed
- . Stinging nettles
- . Submersed weeds
- . Xerophytes
- . Yeasts

Plant tissues

- . Bark
- . Fibers (plant)
- . Phloem
- . Tracheids
- . Vascular tissues

PLATES

Plates

- . Baffle plates
- . Flat plates
- . Gussel plates
- . Liner plates
- . Steel plates
- . Thin plates

Plugs

- . Tunnel plugs

Policies

- . Foreign policies
- . Public land policy
- . Water allocation (policy)
- . Water policy

Population

- . Animal populations
- . Aquatic populations
- . Fish populations
- . Human population
- . Plant populations

Power

- . Electric power
- . . Hydroelectric power
- . . Peak power
- . . Standby power
- . Thermal power

Precipitation intensity

- . Rainfall intensity

Predation

- . Prey fish

Pressure

- . Atmospheric pressure
- . Back pressure
- . Bearing pressure
- . Bubbling pressure
- . Capillary pressure
- . Confining pressure
- . Earth pressure
- . . Active pressure
- . . At rest pressure
- . . Passive pressure
- . Grouling pressure
- . High pressure
- . Hydraulic pressure
- . Hydrodynamic pressure
- . Hydrostatic pressure
- . Ice pressure
- . Intrinsic pressure
- . Low pressure
- . Negative pressure
- . Osmotic pressure
- . Overpressure
- . Pilot pressures
- . Pore pressure
- . . Negative pore pressure
- . . Pore air pressure
- . . Pore water pressure
- . Power head
- . Pressure head
- . Rankine pressure
- . Rock pressures
- . Soil pressure
- . Swelling pressure
- . Tunnel pressures
- . Uplift pressure
- . Vapor pressure
- . Velocity head
- . Water pressure
- . Wind pressure

Prestressing

- . Posttensioning
- . Pretensioning

Prices

- . Adjusted prices
- . Average prices
- . Competitive prices
- . Equilibrium prices
- . Farm prices
- . Parity prices

Pricing

- . Discriminatory pricing

Probes (instruments)

- . Gamma probes
- . Nuclear probes

Processing

- . Batch processing (data)
- . Data processing

- . Data reduction
- . Data retrieval
- . Data storage

Procurement

- . Purchasing

Production

- . Industrial production

Productivity

- . Aquatic productivity
- . Comparative productivity
- . Marginal productivity
- . Primary productivity
- . Secondary productivity

Profiles

- . Curved profiles
- . Flow profiles
- . Soil profiles
- . Streambed profiles
- . Water surface profiles
- . . Backwater profiles
- . . Drawdown curves
- . Wind profiles

Profit

- . Gross profit
- . Net profit

Programs

- . Drainage programs

Projects

- . Foreign projects
- . Multiple purpose projects

Propagation

- . Wave propagation

Properties

- . Biological properties
- . . Bioluminescence
- . . Cold resistance
- . . Heat resistance (biological)
- . Chemical properties
- . . Acidity
- . . Alkali aggregate reactions
- . . Alkalinity
- . . Ammonification
- . . Cement-aggregate reaction
- . . Chelation
- . . Chemical potential
- . . Chemical stability
- . . Chlorination
- . . Combustion
- . . Decomposition
- . . . Anaerobic digestion
- . . . Biodegradation
- . . . Chemical degradation
- . . . Degradation (decomposition)
- . . . Sludge digestion
- . . . Thermal decomposition
- . . Denitrification
- . . Diffusion
- . . . Ion diffusion
- . . . Jet diffusion
- . . Hardness (water)
- . . Hydrogenation
- . . Hydrolysis
- . . Molecular weight
- . . Osmosis
- . . . Electroosmosis
- . . . Reverse osmosis
- . . Oxidation
- . . Oxidation-reduction potential
- . . pH
- . . Photosynthesis
- . . Polymerization
- . . Salinity
- . . Solubility
- . . Solvation
- . . Water quality
- . Concrete properties
- . Electrical properties
- . . Capacitance
- . . Dielectric properties
- . . Electrical conductance
- . . Electrical impedance
- . . Electrical resistance
- . . Electrical resistivity
- . . Electrokinetic potential
- . . Inductance
- . . Piezoelectricity
- . . Resistivity
- . . . Earth resistivity (electrical)
- . . . Soil resistivity
- . . Superconductivity

- . Hydraulic properties
- . Hydrologic properties
- . . Capillary conductivity
- . . Diffusivity
- . . Hydraulic conductivity
- . . Permeability
- . . Specific retention
- . . Specific yield
- . . Transmissivity

- . Magnetic properties
- . . Ferromagnetism
- . . Magnetic induction
- . . Magnetostriiction
- . . Terrestrial magnetism
- . Mechanical properties
- . . Abrasion resistance
- . . Bonding strength
- . . Brittleness
- . . Cavitation resistance
- . . Cohesion
- . . Compressibility
- . . Corrosion resistance
- . . Creep
- . . Deformation
- . . . Elastic deformation
- . . . Plastic deformation
- . . Deformation modulus
- . . Ductility
- . . Durability
- . . Elasticity (mechanical)
- . . Elastic limit
- . . Elongation
- . . Expansion
- . . Dilatation
- . . . Linear expansion
- . . . Thermal expansion
- . . Fatigue (materials)
- . . Flexibility
- . . Freeze-thaw durability
- . . Friction
- . . . External friction
- . . . Fluid friction
- . . . Internal friction
- . . . Negative friction
- . . . Pile friction
- . . . Positive friction
- . . . Skin friction
- . . . Solid friction
- . . . Wall friction
- . . Friction coefficient (mechanical)
- . . Hardness
- . . Modulus of elasticity
- . . Notch effect
- . . Photoelasticity
- . . Plastic failure
- . . Plasticity
- . . . Soil plasticity
- . . Poisson ratio
- . . Rebound
- . . Residual stress
- . . Resilience
- . . Rigidity
- . . Rupture modulus
- . . Shear modulus
- . . Shear resistance
- . . Stiffness
- . . Strength
- . . . Bearing strength
- . . . Cohesive strength
- . . . Compressive strength
- . . . Design strength
- . . . Flexural strength
- . . . Shear strength
- . . . Soil strength
- . . . Splitting tensile strength
- . . . Tensile strength
- . . . Ultimate tensile strength
- . . . Yield strength
- . . Tensile properties
- . . Toughness
- . . Viscoelasticity
- . . Viscosity
- . . Wear resistance
- . . Workability
- . Optical properties
- . . Isotropy
- . . Opacity
- . . Reflectivity
- . Physical properties
- . . Anisotropy
- . . Buoyancy
- . . Color
- . . Conductivity
- . . Density
- . . . Bulk density
- . . . Critical density
- . . . Dry density
- . . . Field density

- . . In place density
- . . Relative density
- . . Rock density
- . . Soil density
- . Dimensions
- . . . Altitude
- . . . Depth
- . . . Height
- . . . Length
- . . . Thickness
- . . . Thinness
- . . . Time
- . . . Width
- . . Gradation
- . . Heat transfer
- . . Immiscibility
- . . Porosity
- . . Refractivity
- . . Relative consistency
- . . Resonance
- . . Roughness (hydraulic)
- . . Sensitivity
- . . Size
- . . . Grain sizes
- . . . Particle size
- . . . Pore size
- . . Smoothness
- . . Specific gravity
- . . Specific heat
- . . Specific surface
- . . Specific weight
- . . Strength
- . . Texture
- . . Turbidity
- . . Vapor pressure
- . . Viscosity
- . . Void ratio
- . . Volatility
- . . Weight
- . . . Dry weight
- . . . Molecular weight
- . . . Unit weight
- . . . Wet weight
- . Physicochemical properties
- . . Rock properties
- . . Seismic properties
- . . Soil chemical properties
- . . Soil physical properties
- . . . Air void ratio
- . . . Soil density
- . . . Soil strength
- . . . Soil temperature
- . . Soil properties
- . . . Atterberg limits
- . . . Liquid limit
- . . . Plasticity index
- . . . Plastic limits
- . . . Soil resistivity
- . . . Soil stability
- . . . Soil structure
- . . . Soil texture
- . . . Void ratio
- . . Surface properties
- . . . Adhesion
- . . . Emissivity
- . . . Reflectivity
- . . . Surface tension
- . . . Wettability
- . . Thermal properties
- . . . Heat of hydration
- . . . Heat resistance (materials)
- . . . Latent heat
- . . . Specific heat
- . . . Thermal capacity
- . . . Thermal conductivity
- . . . Thermal diffusion
- . . . Vapor pressure
- . . . Volatility
- . . Water properties

Protection (electrical)

- . Circuit protection
- . Protective relaying

Pumping

- . Deep-well pumping

Radar

- . Meteorological radar

R

HIERARCHICAL INDEX

Radioactivity techniques

- Radioactive dating
- Radiochemical analysis

Radiography

- Radiographic inspection
- X-ray inspection

Radio signals

- VHF

Rainfall

- Cloudbursts
- Simulated rainfall

Rates

- Electric power rates
- Feeding rates
- Flow rates
- Growth rates
- Loading rate
- Rainfall intensity
- Rates of application
- Sedimentation rates
- Strain rate
- Use rates
- Water rates

Recharge

- Artificial recharge
- Groundwater recharge
- Induced infiltration
- Natural recharge
- Pit recharge

Reclamation

- Land reclamation
- Soil reclamation
- Waste water use
- Water reuse

Records

- Logs
- Streamflow records

Recreation

- Camping
- Cruises
- Water sports
- Boating
- Sport fishing
- Surf-boarding
- Surf-casting
- Swimming
- Water skiing
- Winter sports
- Ice fishing
- Ice skating
- Skiing

Reduction

- Data reduction

Refraction

- Refraction (water waves)
- Seismic refraction

Regions

- Arid lands
- Climatic zones
- Coastal plains
- Cold regions
- Corn belt
- Illinois
- Indiana
- Iowa
- Minnesota
- Missouri
- Nebraska
- Ohio
- South Dakota
- Wisconsin
- Drainage districts
- Flood plains
- Geographical regions
- Alabama
- Alaska
- Arizona
- Arkansas
- California
- Colorado
- Connecticut
- Delaware
- Florida
- Georgia
- Hawaii
- Idaho
- Illinois

- Indiana
- Iowa
- Kansas
- Kentucky
- Louisiana
- Maine
- Maryland
- Massachusetts
- Michigan
- Minnesota
- Mississippi
- Missouri
- Montana
- Nebraska
- Nevada
- New Hampshire
- New Jersey
- New Mexico
- New York
- North Carolina
- North Dakota
- Ohio
- Oklahoma
- Oregon
- Pennsylvania
- Rhode Island
- South Carolina
- South Dakota
- Tennessee
- Texas
- United States
- Utah
- Vermont
- Virginia
- Washington
- West Virginia
- Wisconsin
- Wyoming
- Grasslands
- Humid areas
- Interlidal areas
- Polar regions
- Public utility districts
- River basins
- Rural areas
- Tropical regions
- Tundra
- Watersheds (basins)
- Agricultural watersheds
- Demonstration watersheds
- Large watersheds
- Small watersheds

Regulation

- Flow augmentation
- Low-flow augmentation
- River regulation
- River training
- Voltage regulation

Regulations

- Boating regulations
- Well regulations
- Zoning
- Flood plain zoning
- Water zoning

Reinforcement

- Mesh reinforcement

Rejection

- Load rejection

Relaxation (mechanics)

- Stress relaxation
- Structural relaxation

Relocation

- Highway relocation
- Railroad relocation

Removal

- Snow removal

Repellents

- Fish repellents
- Insect repellents
- Mammalian repellents

Reproduction (biology)

- Fish reproduction

Requirements

- Water requirements

Reregulation

- Flow augmentation
- Low-flow augmentation
- River regulation

Research and development

- Applied research
- Atmospheric research
- Basic research
- Foreign research
- High temperature research
- Resource development
- Land development
- Water resources development

Reservoir stages

- Early impoundment
- Late impoundment
- Post-impoundment
- Pre-impoundment

Resins

- Synthetic resins
- Alkyd resins
- Epoxy resins
- Nylon
- Phenolic resins
- Polyester resins
- Polyethylene
- Polystyrene
- Polysulfide resins
- Polyurethane resins
- Polyvinyl alcohol
- Polyvinyl chloride
- Styrene resins
- Thermoplastic resins
- Thermosetting resins
- Vinyl resins

Resistance

- Cold resistance
- Disease resistance
- Drought resistance
- Electrical resistance
- Flow resistance
- Insect resistance
- Penetration resistance
- Pressure drag
- Shear drag
- Shear resistance
- Sliding resistance
- Tolerances (plant)
- Uplift resistance

Resistors

- Shunt resistors
- Thermistors
- Variable resistors

Resonators

- Tuning forks

Resources

- Human resources
- Natural resources
- Atmosphere
- Hydroelectric resources
- Land resources
- Petroleum
- Water resources

Retardants

- Evaporation retardants

Return (monetary)

- Marginal return
- Return to scale

Revegetation

- Reforestation

Rings

- Seal rings
- Ship rings
- Stay rings

Roads

- Access roads
- Access routes
- Highways
- Scenic highways
- Streets

Rocks

- Bedrock
- Beds (geology)
- Boulders
- Breccia
- Calcareous rocks
- Crystalline rocks
- Foundation rocks
- Igneous rocks
- Acidic rocks
- Andesite

- Basalt
- Basic rocks
- Diabase
- Diorite
- Gabbro
- Granite
- Intermediate rocks
- Lava
- Pegmatites
- Perlite
- Plutonic rocks
- Pumice
- Rhyolite
- Syenite
- Tuff
- Ultrabasic rocks
- Volcanic rocks
- In situ rock
- Metamorphic rocks
- Gneiss
- Marble
- Quartzite
- Schist
- Slate
- Sedimentary rocks
- Caliche
- Caliche
- Chalk
- Chert
- Clay shales
- Claystones
- Coal
- Conglomerate rocks
- Diatomite
- Dolomite
- Lignite
- Limestone
- Marl
- Mudstone
- Oil shale
- Sandstone
- Sedimentary tuff
- Shale
- Siltstone
- Soluble rocks

Rods

- Tie rods

Rotating machines

- Electric generators
- Dynamometers
- Magnetos
- Motor generators
- Turbogenerators
- Electric motors
- Pumps
- Synchronous machines
- Turbines
- Axial flow turbines
- Bulb turbines
- Deriaz pump turbine
- Francis turbines
- Hydraulic turbines
- Impulse turbines
- Kaplan turbines
- Pelton turbines
- Pump turbines
- Reaction turbines
- Reversible turbines
- Steam turbines
- Tube turbines

Rotors

- Impellers
- Turbine wheels

Roughness

- Bed roughness
- Roughness (hydraulic)

Runoff

- Overland flow
- Peak runoff
- Storm runoff
- Subsurface runoff
- Surface runoff

Safety

- Fire safety

S

SALINE WATER INTRUSION

Safety (Con.)

. Nuclear safety

Saline water intrusion

. Encroachment
. Sea water intrusion

Salvage

. Water salvage

Samplers

. Sediment samplers
. Soil samplers
. Denison samplers
. Drive samplers
. Piston samplers

Samples

. Disturbed samples
. Remolded soil samples
. Undisturbed samples

Sampling

. Sediment sampling
. Water sampling

Satellites (artificial)

. Meteorological satellites

Schools (education)

. Universities

Sciences

. Biology
. Biophysics
. Chemistry
. . Electrochemistry
. . Geochemistry
. . Physical chemistry
. . Radiochemistry
. . Water chemistry
. Engineering
. . Agricultural engineering
. . Chemical engineering
. . Civil engineering
. . Coastal engineering
. . Drainage engineering
. . Earthquake engineering
. . Electrical engineering
. . Environmental engineering
. . Highway engineering
. . Hydraulic engineering
. . Industrial engineering
. . Irrigation engineering
. . Management engineering
. . Marine engineering
. . Materials engineering
. . Mechanical engineering
. . Mining engineering
. . Nuclear engineering
. . Sanitary engineering
. . Soil engineering
. . Space engineering
. . Structural engineering
. . Value engineering
. Geology
. . Engineering geology
. . Geomorphology
. . Glacial geology
. . Groundwater geology
. . Hydrogeology
. . Marine geology
. . Mineralogy
. . Petrography
. . Petrology
. . Photogeology
. . Sedimentology
. . Structural geology
. Mathematics
. . Algebra
. . . Linear algebra
. . . Linear systems
. . . Matrix algebra
. . Geometry
. . Mathematical analysis
. . . Calculus
. . . Correlation analysis
. . . Differential equations
. . . Finite differences
. . . Fourier analysis
. . . Frequency analysis
. . . Integration (mathematics)
. . . Regression analysis
. . . Statistical analysis
. . Probability
. . Series (mathematics)
. . Statistics
. . Trigonometry
. . Vector analysis
. Medicine

. Physics
. . Acoustics
. . Atmospheric physics
. . Crystallography
. . Dynamics
. . . Aerodynamics
. . . Fluid dynamics
. . . Hydrodynamic pressure
. . . Hydrodynamics
. . . Soil dynamics
. . Electricity
. . Geophysics
. . Mechanics
. . . Fluid mechanics
. . . Hydraulics
. . . Hydrostatics
. . . Soil mechanics
. . . Statics
. . Nuclear physics
. . Optics
. . Plasma physics
. . Quantum mechanics
. . Soil physics
. . Solid state physics
. Psychology
. . Applied psychology
. Social sciences
. . Economics
. . . Agricultural economics
. . Geography
. . . Biogeography
. . History
. . Political science
. . Sociology
. . . Rural sociology
. . . Urban sociology
. Soil science
. Zoology

Screens

. Fish screens
. Well screens

Sealants

. Canal sealants
. Chemical sealants
. Sealing compounds
. Soil sealants
. Water-borne sealants

Seals (stoppers)

. Gaskets
. Gate seals
. O-ring seals
. Water seals

Seasons

. Autumn
. Spring
. Summer
. Winter

Sedimentary structures

. Sand waves

Sedimentation

. Aggradation
. Diagenesis

Sediments

. Alluvium
. Bottom sediments
. Lacustrine deposits
. Sediment deposits
. . Alluvial deposits
. . . Moraines
. . . Sand bars
. . . Terrace deposits
. . Glacial soils
. . Mud flats
. Sediment load
. . Bed load
. . Suspended load
. Suspended sediments
. Suspended solids

Sediment transport

. Saltation

Seepage

. Canal seepage
. Underseepage

Semiconductors

. Thyristors
. Transistors

Separation

. Centrifugation

. Deaeration
. Desorption
. Extraction
. Flotation
. . Boule flotation
. . Froth flotation
. Freeze drying
. Heavy media separation
. Ion exchange
. . Anion exchange
. . Cation exchange
. Osmosis
. . Electroosmosis
. . Reverse osmosis
. Precipitation (chemistry)
. Screening
. Skimming
. Solvent extractions

Separation techniques

. Beneficiation
. . Heavy media separation
. Centrifugation
. Chromatography
. Concentration
. Demineralization
. . Desalination
. . . Nuclear desalting
. Distilling
. Diagenesis
. Distillation
. . Flash distillation
. . . Multistage flash distillation
. . Long-tube vertical distillation
. . Solar distillation
. . Vapor compression distillation
. Electrophoresis
. Filtration
. Foam fractionation
. Foam separation
. Leaching
. Membrane processes
. . Dialysis
. . . Electrodialysis
. . Electroosmosis
. . Osmosis
. . Reverse osmosis
. . Transport depletion
. Panning
. Sifting
. . Reservoir sifting
. Solvent extractions

Seston

. Aquatic bacteria
. Aquatic fungi
. Aquatic microorganisms
. Beggiatoa
. Dinoflagellates
. Euglena
. Euglenophyta
. Ferrobacillus
. Marine Bacteria
. Marine fungi
. Marine microorganisms
. Nannoplankton
. Nekton
. Ochromonas
. Rhodophyta
. Rotifers
. Sea nittles
. Sphaerotilus
. Thermophilic bacteria
. Tripton

Settlement (structural)

. Differential settlement

Sewage works

. Sewage treatment plants

Shafts (machinery)

. Flexible shafts
. Turbine shafts

Shape

. Grain shapes
. Particle shape

Shear

. Axial shear
. . Biaxial shear
. . Triaxial shear
. Boundary shear
. Direct shear

Shielding

. Electromagnetic shielding
. Radiation shielding

Ships

. Submarines

Shrinkage

. Soil shrinkage

Similitude

. Hydraulic similitude

Sites

. Damsites
. Overwintering sites
. Reservoir sites

Slopes

. Continental slope
. Critical slopes
. Cut slopes

Sludge

. Activated sludge
. Sewage sludge

Social aspects

. Rural sociology
. Social adjustment
. Social impact
. Urban sociology

Soil groups

. Brown soils
. Chernozems
. Chestnut soils
. Gray-brown podzolic soils
. Laterites
. Podzols
. Prairie soils
. Red podzolic soils
. Sierozems
. Yellow podzolic soils

Soil horizons

. A horizon
. B horizon
. C horizon

Soil types

. Acidic soils
. Aeolian soils
. Alkaline soils
. Alkali soils
. Aquatic soils
. Azonal
. Beach sands
. Calcareous soils
. Clays
. Cohesionless soils
. Cohesive soils
. Compacted soils
. Compressible soils
. Expansive clays
. Expansive soils
. Finegrained soils
. Fine-textured soils
. Forest soils
. Frozen soils
. Glacial soils
. Gravels
. Gray-brown podzolic soils
. Hardpan
. Hydrosols (soils)
. Impervious soils
. Lake soils
. Laterites
. Loams
. Organic clays
. Organic soils
. Organic soils
. Paleosols
. Pedocals
. . Brown soils
. . Chestnut soils
. . Sierozems
. . Pervious soils
. . Podzols
. . Prairie soils
. . Red podzolic soils
. . Residual soils
. . Saline soils
. . Sands
. . Saturated soils
. . Silts
. . Topsoil
. . Yellow podzolic soils

Solutes

. Dissolved gases
. Dissolved oxygen

THESAURUS OF WATER RESOURCES TERMS

HIERARCHICAL INDEX

SURVEYS

Solutions

- . Aqueous solutions

Solvents

- . Aromatic solvents

Spectrometry

- . Spectrophotometry

Stability

- . Bank stability
- . Chemical stability
- . Dam stability
- . Dynamic stability
- . Electrical stability
- . Materials stability
- . Seismic stability
- . Slope stability
- . . Rock slope stability
- . Soil stability
- . Structural stability
- . Transient stability

Stabilization

- . Bank stabilization
- . Slope stabilization
- . Soil stabilization
- . Stream stabilization

Standards

- . Codes
- . . Building codes
- . Design standards
- . Water quality standards

States (geographical)

- . Alabama
- . Alaska
- . Arizona
- . Arkansas
- . California
- . Colorado
- . Connecticut
- . Delaware
- . Florida
- . Georgia
- . Hawaii
- . Idaho
- . Illinois
- . Indiana
- . Iowa
- . Kansas
- . Kentucky
- . Louisiana
- . Maine
- . Maryland
- . Massachusetts
- . Michigan
- . Minnesota
- . Mississippi
- . Missouri
- . Montana
- . Nebraska
- . Nevada
- . New Hampshire
- . New Jersey
- . New Mexico
- . New York
- . North Carolina
- . North Dakota
- . Ohio
- . Oklahoma
- . Oregon
- . Pennsylvania
- . Rhode Island
- . South Carolina
- . South Dakota
- . Tennessee
- . Texas
- . Utah
- . Vermont
- . Virginia
- . Washington
- . West Virginia
- . Wisconsin
- . Wyoming

Stations

- . Gaging stations
- . Hydrometeorological station
- . Stream gaging station
- . Weather stations

Sterilants

- . Fish sterilants
- . Soil sterilants

Stochastic processes

- . Markov processes

Stocking

- . Fish stocking

Storage

- . Data storage
- . Underground storage
- . Usable storage
- . Waste storage
- . Water storage
- . . Bank storage
- . . Dead storage
- . . Depression storage
- . . Pumped storage
- . . Reservoir storage
- . . Soil water storage
- . . Underground water storage

Storms

- . Artificial storms
- . Blizzards
- . Cloudbursts
- . Design storm
- . Dust storms
- . Extratropical cyclones
- . Hurricanes
- . Snowstorms
- . Thunderstorms
- . Tornadoes
- . Tropical cyclones
- . Typhoons

Strain

- . Axial strain
- . Normal strain
- . Shear strain
- . Tangential strain

Stratification

- . Chemical stratification
- . Density stratification
- . Thermal stratification

Stress

- . Allowable stress
- . Axial stress
- . . Biaxial stress
- . . Triaxial stress
- . Bending stress
- . Circumferential stress
- . Compressive stress
- . Effective stress
- . Moisture stress
- . Neutral stress
- . Normal stress
- . Radial stress
- . Residual stress
- . Shear stress
- . Tangential stress
- . Tensile stress
- . Thermal stress
- . Total stress
- . Transient stress
- . Twisting stress

Structural members

- . Beams (structural)
- . . Box beams
- . . Composite beams
- . . Continuous beams
- . . Deep beams
- . . Hybrid beams
- . . Web beams
- . Columns
- . Corbels
- . Girders
- . . Plate girders
- . Struts
- . Studs

Structure

- . Molecular structure
- . Soil structure
- . Storm structure
- . Water structure

Structures

- . Bridges (structures)
- . . Arch bridges
- . . Bailey bridges
- . . Bascule bridges
- . . Highway bridges
- . . Railroad bridges
- . . Suspension bridges
- . . Truss bridges
- . . Wooden bridges
- . Buildings
- . . Biotrons
- . . Garages
- . . Residences
- . Buried structures
- . Canals
- . . Irrigation canals
- . . . Laterals
- . . . Sublaterals
- . . Lined canals
- . . . Concrete-lined canals
- . . . Earth-lined canals
- . . Test canals
- . . Unlined canals
- . Cellular structures
- . Composite structures
- . Concrete structures
- . . Concrete tanks
- . Continuous structures
- . . Continuous beams
- . . Continuous frames
- . . Continuous trusses
- . Conveyance structures
- . . Aqueducts
- . . Chutes
- . . Closed conduits
- . . Conduits
- . . Culverts
- . . Hydraulic conduits
- . . Noncircular conduits
- . . Pipelines
- . . Pipes
- . . Pressure conduits
- . . Rectangular conduits
- . . Sewers
- . . Siphons
- . . Submarine pipelines
- . Flumes
- . . Parshall flumes
- . . Trapezoidal flumes
- . . Venturi flumes
- . Penstocks
- . Sluices
- . Tunnels
- . . Adits
- . . Diversion tunnels
- . . Pressure tunnels
- . . Railroad tunnels
- . . Unlined tunnels
- . . Vehicular tunnels
- . . Water tunnels (conveyance)
- . . Water tunnels (testing)
- . Dams
- . . Arch dams
- . . Buttress dams
- . . Check dams
- . . Cofferdams
- . . Concrete dams
- . . Diversion dams
- . . Double-curvature arch dams
- . . Earth dams
- . . Forebay dams
- . . Gravity dams
- . . Hydraulic fill dams
- . . Masonry dams
- . . Mill dams
- . . Movable dams
- . . Multiple arch dams
- . . Navigation dams
- . . Retention dams
- . . Rockfill dams
- . . Self-spillway dams
- . . Thin arch dams
- . Earthquake-resistant structures
- . Engineering structures
- . . Bulkheads
- . . . Anchored bulkheads
- . . Caissons
- . . Coastal structures
- . . Jetties
- . . Cooling towers
- . . Crib walls
- . . Debris barriers
- . . Levees
- . . Offshore platforms
- . . Powerhouses
- . . Retaining walls
- . . Sea walls
- . . Steel structures
- . . Trestles
- . . . Wooden trestles
- . . Underground powerplants
- . . Warehouses
- . Fixed structures
- . Hinged structures
- . Hydraulic structures
- . . Approach channels
- . . Blowoff structures
- . . Breakwaters
- . . Check structures
- . . Control structures
- . . Diversion structures
- . . Drops (structures)

- . Entrance channels
- . . Fishways
- . . Flip buckets
- . . Headworks
- . . Intake structures
- . . Intake towers
- . . Locks (waterways)
- . . Multilevel outlets
- . . Outlet works
- . . Overfalls
- . . Plunge basins
- . . Pump intakes
- . . Settling basins
- . . Sloping intake structures
- . . Spillways
- . . . Chute spillways
- . . . Closed conduit spillways
- . . . Morning glory spillway
- . . . Ogee crests
- . . . Shaft spillways
- . . . Side channel spillways
- . . . Ski-jump spillways
- . . Stilling basins
- . . Wasteways
- . Large structures
- . Multiple purpose structures
- . Pumping plants
- . Shell structures
- . . Cylindrical shells
- . . Domes (structural)
- . . Thin shell structures
- . Skewed structures
- . Small structures
- . Towers
- . . Aluminum towers
- . . Anchored towers
- . . Guyed towers
- . . Transmission towers
- . Underground structures
- . Wooden structures

Subject indexing

- . Coordinate indexing

Subsidence

- . Deep subsidence
- . Embankment subsidence
- . Land subsidence
- . Shallow subsidence

Suction

- . Soil suction

Supply

- . Capital supply
- . Labor supply
- . Water supply

Supports

- . Roof supports
- . Tunnel supports

Surfaces

- . Failure surfaces
- . Flat surfaces
- . Free surfaces
- . Soil surfaces

Surfacing

- . Hard surfacing

Surfactants

- . Linear alkylate sulfonates

Surges

- . Surge waves
- . Switching surges

Surveying

- . Plane surveying
- . . Cadastral surveys
- . . Topographic surveys

Surveys

- . Aerial surveys
- . Cadastral surveys
- . First order surveys
- . Geodetic surveys
- . Geological surveys
- . Hydrographic surveys
- . Magnetic surveys
- . Reconnaissance surveys
- . Reservoir surveys
- . Resistivity surveys
- . Second order surveys
- . Snow surveys
- . Soil surveys
- . Topographic surveys

SYSTEMATICS

Systematics

- Fish taxonomy

T

Tapes

- Magnetic tapes
- Pinched tapes

Taxes

- Progressive taxes
- Regressive taxes

Technical writing

- Report writing

Television

- Underwater television

Temperature

- Air temperature
- High temperature
- Low temperature
- Soil temperature
- Water temperature

Tension

- Axial tension
- Biaxial tension
- Triaxial tension
- Hoop tension
- Moisture tension
- Surface tension

Tests

- Accelerated tests
- Aquifer tests
- Bond tests
- Destructive tests
- Dynamic tests
- Impact tests
- Seismic tests
- Vibration tests
- Electrical insulation tests
- Environmental tests
- Exposure tests
- High temperature research
- Wetting and drying tests
- Field tests
- In situ tests
- Foundation bearing tests
- Jacking tests
- Plate load tests
- Ponding tests
- Filter tests
- Friction tests
- Impulse tests (electrical)
- Index tests
- Laboratory tests
- Loading tests
- Materials tests
- Acceptance tests
- Compaction tests
- Compression tests
- Concrete tests
- Corrosion tests
- Creep tests
- Fatigue tests
- Freeze-thaw tests
- Hardness tests
- Metal tests
- Notch tests
- Penetration tests
- Pipe tests
- Pressure tests
- Rock tests
- Soil compression tests
- Soil consolidation tests
- Tension tests
- Triaxial tests
- Ultrasonic tests
- Model tests
- Nondestructive tests
- Radiographic inspection
- Sonic velocity tests
- X-ray inspection
- Percolation tests
- Performance tests
- Permeability tests
- Field permeability tests
- Them test
- Pile tests

- Prototype tests
- Pull tests
- Pull-out tests
- Pumping tests (wells)
- Pump tests
- Shear tests
- Drained shear tests
- Torsion shear tests
- Un drained shear tests
- Vane shear tests
- Shock tests
- Soil tests
- Static tests

Theory

- Brittle fracture theory
- Elastic theory
- Griffith theory
- Information theory
- Minimum weight theory
- Mohr failure theory
- Plastic theory
- Queuing theory
- Regime theory

- Thermodynamics
- Emissivity
- Heat transfer

Torches

- Welding torches

Toxicity

- Pesticide toxicity
- Phytotoxicity

Tracers

- Radioactive tracers

Traction forces

- Critical traction force

Training

- Management training
- Orientation

Transducers

- Piezoelectric transducers

Transfer

- Energy transfer
- Heat transfer
- Interbasin water transfers
- Mass transfer
- Momentum transfer
- Water transfer

Transformations

- Phase transformations

Transitions (structures)

- Intake transitions

Translating

- Machine translating

Transmission (electrical)

- Tuned transmission

Transmission lines

- Submarine cables
- Underground transmission lines
- Wood-pole transmission lines

Transportation

- Hydraulic transportation
- Water transportation

Transport phenomena

- Conduction
- Convection
- Cooling
- Supercooling
- Water cooling
- Diffusion
- Electroosmosis
- Ion diffusion
- Jet diffusion
- Osmosis
- Reverse osmosis
- Thermal diffusion
- Energy transfer
- Heating
- Induction heating
- Heat transfer
- Mass transfer
- Momentum transfer
- Radiation
- Ambient light

- Background radiation
- Beta particles
- Bottom reflected light
- Cosmic rays
- Elastic waves
- Electromagnetic waves
- Gamma rays
- Infrared radiation
- Noise (sound)
- Solar radiation
- Thermal radiation
- Ultraviolet radiation
- X rays
- Radio waves
- Microwaves
- Viscous flow

Treaties

- International compacts

Treatment

- Aerobic treatment
- Biological treatment
- Heat treatment
- Annealing
- Stress relieving
- Soil treatment
- Waste treatment
- Activated sludge
- Industrial waste treatment
- Radioactive waste disposal
- Sewage treatment
- Sewage stabilization
- Sludge treatment
- Solids contact process
- Tertiary treatment
- Water treatment
- Deaeration
- Demineralization
- Desalination
- Pre-treatment (water)
- Waste water treatment
- Water pollution treatment
- Water purification
- Self-purification
- Water softening

- Trenches
- Cutoff trenches

Tropisms

- Geotropism
- Phototropism
- Rhizotropism

Trusses

- Arch trusses
- Continuous trusses

U

Utilities

- Electric utilities
- Public utilities
- Sewage treatment plants
- Water treatment plants
- Waterworks

V

Vacuum

- Negative pressure
- Subatmospheric pressure
- Vapor pressure

Vacuum apparatus

- Vacuum pumps

Value

- Condemnation value
- Market value
- Peak values
- Property values
- Salvage value
- Social values

THESAURUS OF WATER RESOURCES TERMS

Water values

Valves

- High pressure valves
- Hydraulic valves
- Allkali valves
- Butterfly valves
- Check valves
- Flap valves
- Gate valves
- Globe valves
- Hollow jet valves
- Needle valves
- Plug valves
- Sleeve valves
- Pressure regulators
- Relief valves

- Vanes
- Guide vanes
- Stay vanes

Vaporization

- Boiling
- Evaporation
- Pan evaporation
- Potential evaporation
- Reservoir evaporation

Vegetal cover

- Nesting cover
- Shore-line cover

Vegetation establishment

- Reforestation

Velocity

- Critical velocity
- High velocity
- Seismic velocity
- Settling velocity
- Wave velocity
- Wind velocity

- Vibration
- Aeolian vibration
- Forced vibration

Vitamins

- Vitamin B

Voltage dividers

- Autotransformers
- Potentiometers

Volume change

- Dilatation
- Dilation

W

Walls

- Curtain walls
- Cutoff walls
- Fire walls
- Groins (structures)
- Guide walls
- Headwalls
- Retaining walls
- Anchored bulkheads
- Crib walls
- Sea walls
- Training walls

Warning systems

- Fire alarm systems

Waste dumps

- Garbage dumps

Wastes

- Animal wastes (wildlife)
- Chemical wastes
- Domestic wastes
- Farm wastes
- Garbage
- Industrial wastes
- Mine wastes
- Coal mine wastes
- Strip mine wastes
- Pulp wastes
- Liquid wastes

HIERARCHICAL INDEX

Wastes (Con.)

- . Municipal wastes
- . Oil wastes
- . Organic wastes
- . Radioactive wastes
- . Recreation wastes
- . Sewage
- . . Sewage sludge
- . Solid wastes
- . . Wood wastes
- . Sulfite liquors
- . Urine
- . Waste water

Water content

- . Liquid water content

Watercourses (legal)

- . Artificial watercourses
- . Developed waters
- . Ephemeral waters
- . Intermittent streams
- . Natural streams
- . Perennial streams

Water law

- . Law of the sea
- . Natural flow doctrine

Water levels

- . Potentiometric level

Water pollution

- . Stream pollution
- . Thermal pollution

Water rights

- . Prescriptive rights
- . Prior appropriation
- . . Adjudication procedure
- . . Appropriation (water rights)
- . . Preferences (water rights)
- . Pueblo water rights
- . Riparian rights
- . . Natural flow doctrine

Water table

- . Perched water table

Water types

- . Acidic water
- . . Acid mine water
- . Adsorbed water
- . Alkaline water
- . Bound water
- . Cooling water
- . Developed waters
- . Domestic water
- . Drainage water
- . Floodwater

- . Fresh water
- . . Melt water
- . . Snowmelt
- . Heated water
- . Heavy water
- . Hydraulic mining water
- . Impounded waters
- . Industrial water
- . . Boiler feed water
- . Irrigation water
- . . Return flow
- . Meteoric water
- . Mineral water
- . Municipal water
- . Percolating water
- . Potable water
- . Precipitable water
- . Rain water
- . Recirculated water
- . Reclaimed water
- . Saline water
- . . Brackish water
- . . Brines
- . . Sea spray
- . . Sea water
- . Soil water
- . . Excess water (soils)
- . Spring waters
- . Stagnant water
- . Stock water
- . Subsurface waters
- . . Artesian water
- . . Capillary water
- . . Confined water
- . . Connate water
- . . Fringe water
- . . Gravitational water
- . . Groundwater
- . . Hygroscopic water
- . . Juvenile water
- . . Malenclaves
- . . Saline groundwater
- . . Underflow
- . . Vadose water
- . Surplus water
- . Thermal water
- . Waste water (pollution)

Water utilization

- . Competing uses
- . Natural use
- . Non-consumptive use

Waterways

- . Aqueducts
- . Channels
- . . Alluvial channels
- . . Approach channels
- . . Canals

- . . Concrete lined canals
- . . Earth-lined canals
- . . Entrance channels
- . . Floodways
- . . Grassed waterways
- . . Inland waterways
- . . Intake channels
- . . Irrigation canals
- . . Laterals
- . . Lined canals
- . . Navigable rivers
- . . Open channels
- . . Spawning channels
- . . Stable channels
- . . Stream channels
- . . Tailrace
- . . Trapezoidal channels
- . . Unlined canals
- . Drains
- . . Chimney drains
- . . French drains
- . . Horizontal drains
- . . Open drains
- . . Sand drains
- . . Storm drains
- . . Subsurface drains
- . . Tile drains
- . . Toe drains
- . . Underdrains
- . . Vertical drains
- . . Weepholes
- . Estuaries
- . Flumes
- . . Parshall flumes
- . . Trapezoidal flumes
- . . Venturi flumes
- . Inlets (waterways)
- . Interstate rivers
- . Natural streams
- . Non-perennial streams
- . Perennial streams
- . Rivers
- . Streams
- . Tributaries
- . Wild rivers

Water yield

- . Reservoir yield

Weather modification

- . Cloud modification
- . Cloud seeding
- . Fog dispersion
- . Induced precipitation

Weirs

- . Broad-crested weirs
- . Cipolletti weirs
- . Rectangular weirs

ZONE OF AERATION

- . Sharp crested weirs
- . Submerged weirs
- . Vee-notched weirs

Welding

- . Arc welding
- . Electroslag welding
- . Spot welding
- . Welds

Wells

- . Deep wells
- . Disposal wells
- . Observation wells
- . Oil wells
- . Relief wells
- . Shallow wells
- . Water wells
- . . Artesian wells
- . . Drainage wells
- . . Injection wells
- . . Irrigation wells
- . . Recharge wells

Wetlands

- . Coastal marshes
- . Freshwater marshes
- . Mangrove swamps
- . Marshes
- . Salt marshes
- . Swamps
- . Tidal marshes

Wheels

- . Turbine wheels
- . Water wheels

Wind (meteorology)

- . Chinook
- . Gusts
- . Jet streams (meteorology)
- . Lake breezes
- . Land breezes
- . Monsoons
- . Sea breezes
- . Squalls

Wire

- . Electric wire

Z

Zone of aeration

- . Capillary fringe